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Canada

CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Agnès Lajoie
Acting Commissioner of Patents

Agnès Lajoie
Commissaire aux brevets par intérim

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,610,350
2,636,848

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,610,350
2,636,848

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After March 31, 2015

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1799***
For each additional sheet over 30	**$20**
3. International Search Fee	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 31 mars 2015

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1799 $***
Pour chaque feuille au delà de 30	**20 $**
3. Taxe de recherche internationale	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*)) **$270**

6. Preliminary examination fee **$800**
(Rule 58)

* International fees will be reduced by:

- **$135** for all applications filed using PCT-EASY,
- **$270** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$406** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **270 $**

6. Taxe d'examen préliminaire **800 $**
(Règle 58)

* Les frais seront réduits de:

- **135 $** pour toutes les demandes déposées en utilisant PCT-EASY,
- **270 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **406 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

STATUTORY HOLIDAYS *(DIES NON)*

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright* and *Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the *Patent* and *Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur* et *les topographies de circuits intégrés*

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

1) **Alberta:** 3rd Monday in February (Alberta Family Day)
2) **British Columbia:** 1st Monday in August (British Columbia Day)
3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
6) **Quebec:** June 24 (St. John the Baptist Day)
7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays
*New Year's Day (Jan. 1)
Good Friday
Easter Monday
Victoria Day - First Monday immediately preceding May 25
*St. John the Baptist Day (June 24)
*Canada Day (July 1)
Labour Day - First Monday in September
Thanksgiving Day - Second Monday in October
*Remembrance Day (November 11)
*Christmas Day (December 25)
Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statuaire)
6) **Québec** : 24 juin (Saint-Jean-Baptiste)
7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
8) **Yukon** : 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche
*Jour de l'An (1er janvier)
Vendredi Saint
Lundi de Pâques
Fête de Victoria - premier lundi précédant immédiatement le 25 mai
*Saint-Jean-Baptiste (le 24 juin)
*Fête du Canada (1er juillet)
Fête du travail - premier lundi de septembre
Jour de l'Action de grâces - deuxième lundi d'octobre
*Jour du souvenir (11 novembre)
*Jour de Noël (25 décembre)
L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Correspondence Procedures

May 8, 2012

Effective May 15, 2012 this notice replaces all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

15. Procédures de correspondance

Le 8 mai 2012

Le présent avis, en vigueur à compter du 15 mai 2012, remplace tous les avis antérieurs aux procédures de corrspondence.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit crédit.

Téléchargez le formulaire de paiements.

1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 613-952-2268

2. Industry Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6
   Tel.: 514-496-1797
   Toll-free: 1 888 237-3037

3. Industry Canada
   151 Yonge Street, 4th Floor
   Toronto ON M5C 2W7
   Tel.: 416-973-5000

4. Industry Canada
   Canada Place
   9700 Jasper Avenue, Suite 725
   Edmonton AB T5J 4C3
   Tel.: 780-495-4782
   Toll-free: 1 800 461-2646

5. Industry Canada
   Library Square
   300 West Georgia Street, Suite 2000
   Vancouver BC V6B 6E1
   Tel.: 604-666-5000

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 613-952-2268

2. Industrie Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6
   Tél. : 514-496-1797
   Sans frais : 1-888-237-3037

3. Industrie Canada
   151, rue Yonge, 4e étage
   Toronto (Ontario) M5C 2W7
   Tél. : 416-973-5000

4. Industrie Canada
   Canada Place
   9700, avenue Jasper, pièce 725
   Edmonton (Alberta) T5J 4C3
   Tél. : 780-495-4782
   Sans frais : 1-800-461-2646

5. Industrie Canada
   Library Square
   300, rue Georgia Ouest, pièce 2000
   Vancouver (C.-B.) V6B 6E1
   Tél. : 604-666-5000

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. Registered Mail Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the Registered Mail Service of Canada Post is a designated establishment or designated office to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

Correspondence delivered through the Registered Mail Service of Canada Post will be considered to be received on the date stamped on the envelope by Canada Post, only if it is also a day on which CIPO is open for business. If the date stamp on the Registered Mail is a day when CIPO is closed for business, the Registered Mail will be considered to be received on the next day on which CIPO is open for business.

2. Service Courrier recommandé de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, le service Courrier recommandé de Postes Canada est un établissement ou bureau désigné auquel la correspondance adressée au commissaire aux brevets, au Bureau du droit d'auteur ou au registraire des topographies peut être livrée.

La correspondance livrée par l'entremise du service Courrier recommandé de Postes Canada sera réputée reçue à la date estampillée sur l'enveloppe par Postes Canada seulement si l'OPIC est ouvert au public à cette date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC.

3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via CIPO's Web site or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings and applications prepared using the PCT-EASY or PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le site web de l'OPIC ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-EASY ou PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence which is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the covering letter to ensure expedient processing. Payment arrangements may be made through CIPO's Finance Branch at the following number: 819-994-2269.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office or the Registrar of Topographies may be sent electronically via CIPO's Web site.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoie. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré dans la lettre d'envoi en vue d'assurer un traitement rapide. Pour prendre les dispositions nécessaires, on pourra communiquer avec la Direction des finances de l'OPIC en composant le 819-994-2269.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC.

Patents

For the purpose of subsection 5(6) of the Patent Rules, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe and ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE and ePCT

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT e-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for the registration of a trade-mark;
- filing of a revised application;
- renewal of a trade-mark registration;
- request to enter a name on the list of trade-mark agents;
- annual renewal of a trade-mark agent;
- requesting copies of trade-mark documents;
- filing of a declaration of use;
- registration of a trade-mark application;
- statement of opposition; and
- request an extension of time in trade-mark opposition proceedings.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance suivante destinée au Bureau des brevets peut être envoyés par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe et ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT: PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- demande d'enregistrement d'une marque de commerce;
- demande d'enregistrement d'une marque de commerce modifiée;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce;
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce;
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyrights

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for registration of a copyright in a work;
- application for registration of a copyright in a performer's performance, sound recording or communication signal;
- Filing a grant of interest;
- Request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyrights.

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un droit d'auteur sur une oeuvre;
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques; et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits integers

Topographies de circuits intégrés
Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées à l'article 93 des *Règles sur les brevets* resteront applicables.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Canada as Receiving Office Under the PCT: PCT-EASY

Pursuant to PCT Rule 89ter, CIPO, in its role as a receiving Office, accepts the filing of an international application containing the request presented as a print-out prepared using the PCT-EASY features of the PCT-SAFE software made available by the International Bureau together with an electronic medium containing a copy in electronic form of the data contained in the request and of the abstract. For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89*bis* and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

- only on an electronic medium in electronic form in accordance with section 802 of Part 8 of the PCT Administrative Instructions; or
- both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Le Canada comme office récepteur au titre du PCT: PCT-EASY

Conformément à la Règle 89ter du PCT, à titre d'office récepteur l'OPIC accepte que le dépôt d'une demande internationale présentée sur support papier et préparée à l'aide des fonctions PCT-EASY du logiciel PCT-SAFE fourni par le Bureau international soit accompagné d'un support électronique contenant une copie sous forme électronique des données figurant dans la demande et l'abrégé. À cette fin, l'office récepteur canadien acceptera tout support électronique indiqué à l'Annexe F des Instructions administratives du PCT.

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux Règles 89*bis* et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

- seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT; ou
- sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT;

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT respectivement.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labelling of the electronic media and the calculation of the international filing fee, refer to Section 7 of the PCT Administrative Instructions.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.
The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.
Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;
- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of April 28, 2015 contains applications open to public inspection from April 12, 2015 to April 18, 2015.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 28 avril 2015 contient les demandes disponibles au public pour consultation pour la période du 12 avril 2015 au 18 avril 2015.

Canadian Patents Issued

April 28, 2015

Brevets canadiens délivrés

28 avril 2015

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[13] C
[51] **Int.Cl. A61K 38/18 (2006.01) A61K 35/12 (2015.01) A61K 38/44 (2006.01) A61P 11/00 (2006.01) A61K 48/00 (2006.01)**
[25] EN
[54] **CELL-BASED GENE THERAPY IN THE TREATMENT OF PULMONARY DISORDERS**
[54] **THERAPIE GENIQUE CELLULAIRE DANS LE TRAITEMENT DES AFFECTIONS PULMONAIRES**
[72] STEWART, DUNCAN JOHN, CA
[73] AN-GO-GEN INC., CA
[86] (2266805)
[87] (2266805)
[22] 1999-03-25
[30] CA (2,227,425) 1998-03-27
[30] US (60/079,588) 1998-03-27

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[51] **Int.Cl. H01F 41/14 (2006.01) G02B 6/122 (2006.01) G02F 1/09 (2006.01) G11B 11/10 (2006.01) G11B 11/105 (2006.01) H01F 41/30 (2006.01) H01F 41/34 (2006.01) H01P 11/00 (2006.01)**
[25] FR
[54] **MAGNETIC ENGRAVING METHOD, IN PARTICULAR FOR MAGNETIC OR MAGNETO-OPTICAL RECORDING**
[54] **PROCEDE DE GRAVURE MAGNETIQUE, POUR NOTAMMENT L'ENREGISTREMENT MAGNETIQUE OU MAGNETO-OPTIQUE**
[72] CHAPPERT, CLAUDE, FR
[72] BERNAS, HARRY, FR
[72] FERRE, JACQUES, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR
[85] 2000-07-12
[86] 1999-01-12 (PCT/FR1999/000043)
[87] (WO1999/035657)
[30] FR (98/00199) 1998-01-12

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[11] **2,349,617**
[13] C
[51] **Int.Cl. C12N 15/11 (2006.01) A61K 48/00 (2006.01) C12N 15/63 (2006.01) C12N 15/86 (2006.01) C12N 15/867 (2006.01) C12Q 1/68 (2006.01) C12N 7/01 (2006.01)**
[25] EN
[54] **SELECTION SYSTEM FOR GENERATING EFFICIENT PACKAGING CELLS FOR LENTIVIRAL VECTORS**
[54] **SYSTEME DE SELECTION POUR LA PRODUCTION DE CELLULES D'ENCAPSIDATION EFFICACE POUR VECTEURS LENTIVIRAUX**
[72] MCGUINNESS, RYAN, US
[72] NALDINI, LUIGI, US
[73] MILTENYI BIOTEC TECHNOLOGY, INC., US
[85] 2001-05-08
[86] 1999-11-12 (PCT/US1999/024018)
[87] (WO2000/029421)
[30] US (60/108,169) 1998-11-13

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[11] **2,378,173**
[13] C
[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01) A23L 1/05 (2006.01) A23L 1/0522 (2006.01) C12N 5/10 (2006.01) C12N 9/10 (2006.01)**
[25] EN
[54] **NUCLEIC ACID MOLECULES FROM PLANTS ENCODING ENZYMES WHICH PARTICIPATE IN STARCH SYNTHESIS**
[54] **MOLECULES D'ACIDE NUCLEIQUE ISSUES DE VEGETAUX CODANT POUR DES ENZYMES PARTICIPANT A LA SYNTHESE DE L'AMIDON**
[72] FROHBERG, CLAUS, DE
[73] BAYER CROPSCIENCE AG, DE
[85] 2002-02-06
[86] 2000-08-08 (PCT/EP2000/007673)
[87] (WO2001/012826)
[30] DE (199 37 348.5) 1999-08-11

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[13] C
[51] **Int.Cl. A61K 39/00 (2006.01) A61K 9/51 (2006.01) A61K 47/00 (2006.01) A61K 47/30 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **COMPOSITION COMPRISING IMMUNOGENIC MICROPARTICLES**
[54] **COMPOSITION COMPRENANT DES MICROPARTICULES IMMUNOGENES**
[72] PLEBANSKI, MAGDALENA, AU
[73] PX BIOSOLUTIONS PTY LTD, AU
[85] 2003-03-14
[86] 2001-09-14 (PCT/AU2001/001160)
[87] (WO2002/022164)
[30] AU (PR 0117) 2000-09-14
[30] AU (PR 4888) 2001-05-10
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[51] **Int.Cl. G06Q 10/06 (2012.01) G05B 15/00 (2006.01)**
[25] EN
[54] **PLANNING AND SCHEDULING RECONFIGURABLE SYSTEMS AROUND OFF-LINE RESOURCES**
[54] **PLANIFICATION ET ORDONNANCEMENT DE SYSTEMES RECONFIGURABLES EN RAPPORT AVEC DES MODULES HORS-LIGNE**
[72] FROMHERZ, MARKUS P. J., US
[73] PALO ALTO RESEARCH CENTER, INCORPORATED, US
[86] (2446664)
[87] (2446664)
[22] 2003-10-24
[30] US (10/284,514) 2002-10-30

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[25] EN
[54] **PEPTIDE VACCINES AGAINST GROUP A STREPTOCOCCI**
[54] **VACCINS PEPTIDIQUES CONTRE LES STREPTOCOQUES DU GROUPE A**
[72] BEALL, BERNARD W., US
[72] CARLONE, GEORGE M., US
[72] SAMPSON, JACQUELYN S., US
[72] ADES, EDWIN W., US
[73] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, CENTERS FOR DISEASE CONTROL AND PREVENTION, TECHNOLOGY TRANSFER OFFICE, US
[85] 2003-11-17
[86] 2002-05-20 (PCT/US2002/015909)
[87] (WO2002/094851)
[30] US (60/291,835) 2001-05-18

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[51] **Int.Cl. C07K 19/00 (2006.01) C12N 1/19 (2006.01) C12N 9/38 (2006.01) C12N 15/62 (2006.01) C12Q 1/02 (2006.01) C12Q 1/34 (2006.01) C12Q 1/54 (2006.01) G01N 33/50 (2006.01) G01N 33/542 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **GENETIC CONSTRUCT INTRACELLULAR MONITORING SYSTEM**
[54] **SYSTEME DE CONTROLE INTRACELLULAIRE D'UN PRODUIT DE RECOMBINAISON GENETIQUE**
[72] ZHAO, SHARON, US
[72] VAINSHTEIN, INNA, US
[72] EGLEN, RICHARD, US
[73] DISCOVERX CORPORATION, US
[85] 2004-02-26
[86] 2002-08-27 (PCT/US2002/027497)
[87] (WO2003/021265)
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[54] **GENE PMEPA1 REGULE PAR LES ANDROGENES ET PROCEDES D'UTILISATION DE CE DERNIER POUR INHIBER LA CROISSANCE DES CELLULES CANCEREUSES**
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[54] **TRAITEMENT DES PATHOLOGIES ECHAPPANT A LA REPONSE IMMUNE PAR DES ANTICORPS OPTIMISES**
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[72] BECKWITH, TIM, US
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[54] **TENSIOACTIFS BIOLOGIQUES MICROBIENS COMPRENANT DES RHAMNOLIPIDES EN TANTQU'AGENT POUR LUTTER CONTRE DES ORGANISMES NUISIBLES**
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[72] AWADA, MOHAMED, US
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[72] MOLINET, ROGER, DE
[72] LUETZENKIRCHEN, KLAUS, DE
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[54] **CONSTITUTION DE CHAMBRE DE COMBUSTION**
[72] RUDRAPATNA, NAGARAJA, CA
[72] MORENKO, OLEG, CA
[72] PATEL, BHAWAN B., CA
[73] PRATT & WHITNEY CANADA CORP., CA
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[54] **METHOD FOR PRODUCING A SEMICONDUCTOR COMPONENT HAVING A METALLIC CONTROL ELECTRODE, AND SEMICONDUCTOR COMPONENT**
[54] **METHODE DE FABRICATION D'UN COMPOSANT A SEMICONDUCTEURS COMPORTANT UNE ELECTRODE DE COMMANDE METALLIQUE, ET COMPOSANT A SEMICONDUCTEURS**
[72] BEHAMMER, DAG, DE
[72] ILGEN, MICHAEL PETER, DE
[73] UNITED MONOLITHIC SEMICONDUCTORS GMBH, DE
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[54] **EXTERNAL PRESSURE-BASED GASTRIC BAND ADJUSTMENT SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE REGLAGE D'UNE BAGUE GASTRIQUE, BASES SUR LA PRESSION EXTERNE**
[72] HASSLER, WILLIAM L., JR., US
[72] DLUGOS, DANIEL F., US
[73] ETHICON ENDO-SURGERY, INC., US
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[54] **SYSTEME DE MESURE DE COTES A L'INTERIEUR D'UN ARBRE CREUX NOTAMMENT DE TURBOMACHINE AERONAUTIQUE**
[72] FEILLIAS, ALAIN GEORGE ALBERT, FR
[72] LOURDIN, DOMINIQUE BERNARD, FR
[72] PAILLARSE, BERNARD PHILIPPE JACQUES, FR
[72] PINCHON, CHRISTOPHE FRANCIS, FR
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[54] **REPETITION DE SYMBOLES DMT EN PRESENCE DE BRUIT IMPULSIF**
[72] TZANNES, MARCOS C., US
[73] TQ DELTA, LLC, US
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[54] **ENCAPSULATED COMPOSITIONS AND METHODS OF PREPARATION**
[54] **COMPOSITIONS ENCAPSULEES ET PROCEDES DE PREPARATION**
[72] BOGHANI, NAVROZ, US
[72] GEBRESELASSIE, PETROS, US
[73] INTERCONTINENTAL GREAT BRANDS LLC, US
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[54] **COOLING JACKET AND BLADE ASSEMBLY, TURBINE ENGINE GUIDE VANES COMPRISING THE ASSEMBLY, TURBINE ENGINE, ASSEMBLY PROCESS AND REPAIR**
[54] **ENSEMBLE D'UNE AUBE ET D'UNE CHEMISE DE REFROIDISSEMENT, DISTRIBUTEUR DE TURBOMACHINE COMPORTANT L'ENSEMBLE, TURBOMACHINE, PROCEDE DE MONTAGE ET DE REPARATION DE L'ENSEMBLE**
[72] DERVAUX, ALEXANDRE NICOLAS, FR
[72] BAUMAS, OLIVIER JEAN DANIEL, FR
[72] BACHA, JEAN-LUC, FR
[73] SNECMA, FR
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[54] **UNITE DE COMMANDE DE SOURCE SISMIQUE ET SYSTEME D'AFFICHAGE ASSOCIE**
[72] KIMURA, TSUNEHISA, JP
[72] COSTE, EMMANUEL, JP
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **PAPER SIZE COMPRISING CATIONIC STARCH AND LINEAR POLYMER HAVING BASIC NITROGEN ATOMS**
[54] **AGENT D'ENCOLLAGE POUR PAPIER CONTENANT DE L'AMIDON CATIONIQUE ET DU POLMERE LINEAIRE A BASE D'AZOTE**
[72] SCHMID, MARKUS, DE
[72] ETTL, ROLAND, DE
[72] LORENZ, KLAUS, DE
[72] DYLLICK-BRENZINGER, RAINER, DE
[72] BROCKMEYER, ANDREAS, DE
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[54] **STABILISATION DE PRECURSEURS RADIOPHARMACEUTIQUES**
[72] WICKSTROM, LILL TORILD, NO
[72] VELD, DIRK INT, NO
[72] OSBORN, NIGEL JOHN, GB
[72] GRIGG, JULIAN, GB
[72] WILSON, ANTHONY, GB
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[73] GE HEALTHCARE LIMITED, GB
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[54] **SYSTEME DE POSTE DE TRAVAIL ET POSTE DE TRAVAIL AVEC MULTIPLES DESSUS DE TRAVAIL A HAUTEUR REGLABLE**
[72] PICCHIO, CESARE, IT
[73] UNIFOR S.P.A., IT
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[54] **METHOD FOR THE PRODUCTION OF WATER-FREE RARE EARTH METAL HALOGENIDES, SYNTHESIS MIXTURES CONTAINING WATER-FREE RARE EARTH METAL HALOGENIDES AND USE THEREOF**
[54] **PROCEDE DE PRODUCTION D'HALOGENURES DE METAUX TERREUX RARES ANHYDRES, DE MELANGES DE SYNTHESE CONTENANT DES HALOGENURES DE METAUX TERREUX RARES ANHYDRES ET LEUR UTILISATION**
[72] LISCHKA, UWE, DE
[72] ROEDER, JENS, DE
[72] WIETELMANN, ULRICH, DE
[73] CHEMETALL GMBH, DE
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[54] **CITRATES DE TRIPENTYLE ET LEUR UTILISATION COMME PLASTIFIANTS**
[72] GRASS, MICHAEL, DE
[72] WOELK-FAEHRMANN, MICHAEL, DE
[73] EVONIK DEGUSSA GMBH, DE
[86] (2591251)
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[54] **DISPOSITIF, SYSTEME ET METHODE DE CONTROLE DE POMPE**
[72] JOHNSON, STEPHEN M., US
[73] STAK ENTERPRISES, INC., US
[86] (2591375)
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[72] TOMICH, AARON, US
[72] BIDDLE, STEVE, US
[73] ALBANY ENGINEERED COMPOSITES, INC., US
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[54] **ORAL COMPOSITIONS CONTAINING OXIDIZED CAMELLIA**
[54] **COMPOSITIONS ORALES CONTENANT DES CAMELIAS OXYDES**
[72] BOYD, THOMAS, US
[72] GAFFAR, ABDUL, US
[72] VISCIO, DAVID, US
[73] COLGATE-PALMOLIVE COMPANY, US
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[54] **COFFEE FLAVOUR MODIFICATION PROCESS**
[54] **PROCEDE MODIFIANT LA SAVEUR DU CAFE**
[72] PENSON, SIMON PETER, GB
[72] BROOKS, SCOTT D., US
[72] WRAGG, ANTHONY, GB
[72] IKENBERRY, DAVID, US
[72] BRADBURY, ALAN, DE
[72] OZAKI, KAZUTO, JP
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[73] KRAFT FOODS R & D, INC., DE
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[54] **NOVEL HETEROPYRROLE ANALOGS ACTING ON CANNABINOID RECEPTORS**
[54] **NOUVEAUX ANALOGUES D'HETEROPYRROLES AGISSANT SUR LES RECEPTEURS CANNABINOIDES**
[72] MAKRIYANNIS, ALEXANDROS, US
[72] THOTAPALLY, RAJESH, US
[72] VEMURI, VENKATA KIRAN RAO, US
[72] OLSZEWSKA, TERESA, PL
[73] UNIVERSITY OF CONNECTICUT, US
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[54] **METHOD AND COMPOSITION FOR TREATING CENTRAL NERVOUS SYSTEM DISORDERS**
[54] **PROCEDE ET COMPOSITION DE TRAITEMENT DE TROUBLES DU SYSTEME NERVEUX CENTRAL**
[72] UENO, RYUJI, US
[73] SUCAMPO AG, CH
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[54] **COATING OF ORGANIC AND INORGANIC PIGMENTS WITH ALDEHYDE OR KETONE RESINS**
[54] **ENROBAGE DE PIGMENTS ORGANIQUES ET INORGANIQUES AVEC UN ALDEHYDE OU DES RESINES CETONIQUES**
[72] BARDELLI, ACHILLE ANGELO, IT
[72] RIBALDONE, GIORGIO, IT
[73] INXEL TRADEMARK & PATENTS SAGL, CH
[85] 2007-08-07
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[54] **DEVICE FOR SEPARATING WET PAINT OVERSPRAY**
[54] **DISPOSITIF DE SEPARATION DE LA PEINTURE HUMIDE PERDUE LORS DE LA PULVERISATION**
[72] WIELAND, DIETMAR, DE
[72] TOBISCH, WOLFGANG, DE
[72] RUNDEL, KLAUS, DE
[72] RAJTSCHAN, ALEXANDER, DE
[73] DURR SYSTEMS GMBH, DE
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[54] **SYSTEM AND METHOD FOR STAKING AN ASSEMBLY OF COMPONENTS WITH COMPENSATION FOR COMPONENT TOLERANCES**
[54] **SYSTEME ET METHODE DE JALONNEMENT D'UN ENSEMBLE D'ELEMENTS AVEC COMPENSATION DE LEURS TOLERANCES**
[72] PARK, JOONG WON, CA
[72] HALL, RICHARD, CA
[73] INTIER AUTOMOTIVE INC., CA
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[54] **SEAL SYSTEM FOR AN INTERTURBINE DUCT WITHIN A GAS TURBINE ENGINE**
[54] **SYSTEME D'ETANCHEITE POUR CONDUIT INTER-TURBINE DE TURBINE A GAZ**
[72] DUROCHER, ERIC, CA
[72] PAQUET, RENE, CA
[73] PRATT & WHITNEY CANADA CORP., CA
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[54] **HYDROPHOBIC STARCH COMPOSITIONS AND USES OF STARCH AS FUEL**
[54] **COMPOSITIONS A BASE D'AMIDON HYDROPHOBES ET UTILISATIONS EN TANT QUE COMBUSTIBLE**
[72] LEWIS, LEONARD T., US
[73] LENLO CHEM, INC., US
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[54] **HANDHELD ELECTRONIC ARTICLE SURVEILLANCE (EAS) DEVICE DETECTOR/DEACTIVATOR WITH INTEGRATED DATA CAPTURE SYSTEM**
[54] **DETECTEUR/DESACTIVATEUR A MAIN DE DISPOSITIF ELECTRONIQUE DE SURVEILLANCE D'ARTICLES A SYSTEME DE SAISIE DE DONNEES INTEGRE**
[72] CLARK, JOHN JAY, US
[72] FALLIN, DAVID BUCHANAN, US
[72] TRIBBEY, SCOTT ALLEN, US
[72] COSETTE, JOSEPH P., US
[73] TYCO FIRE & SECURITY GMBH, CH
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[54] **USE OF LACTOBACILLUS RHAMNOSUS GG IN COMBINATION WITH A LONG CHAIN POLYUNSATURATED FATTY ACID FOR THE TREATMENT, PREVENTION OR REDUCTION OF SYSTEMIC INFLAMMATION IN A FORMULA-FED INFANT**
[54] **UTILISATION DE LACTOBACILLUS RHAMNOSUS GG EN COMBINAISON AVEC UN ACIDE GRAS POLYINSATURE A CHAINE LONGUE POUR TRAITER, PREVENIR OU ATTENUER UNE INFLAMMATION SYSTEMIQUE CHEZ UN NOURRISSON NOURRI AU LAIT MATERNISE**
[72] MCMAHON, ROBERT J., US
[72] HERZ, UDO, DE
[72] NEU, JOSEF, US
[73] MJN U.S. HOLDINGS LLC, US
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[54] **ALLIAGES COBALT/CHROME/FER/NICKEL POUVANT ETRE TRAITES PAR NITRURATION**
[72] SRIVASTAVA, S. KRISHNA, US
[73] HAYNES INTERNATIONAL, INC., US
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[54] **TAMPER EVIDENT MULTIPLE DOOR CLOSURE**
[54] **FERMETURE A PORTES MULTIPLES INVIOLABLE**
[72] SOLOWIEJKO, GEORGE, US
[73] J.L. CLARK, INC., US
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[54] **MELANGEUR DE GACHEE**
[72] WALLGREN, MARK E., CA
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[54] **PROTECTEUR THERMIQUE AVEC ELEMENT DE RELAXATION DES CONTRAINTES**
[72] FISH, JASON, CA
[72] PATEL, BHAWAN B., CA
[73] PRATT & WHITNEY CANADA CORP., CA
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[54] **PROCESS FOR SYNTHESIS OF PROTON PUMP INHIBITORS**
[54] **PROCEDE DE SYNTHESE D'INHIBITEURS DE POMPE A PROTONS**
[72] PATHI, SRINIVAS LAXMINARAYAN, IN
[72] KANKAN, RAJENDRA NARAYANRAO, IN
[72] RAO, DHARMARAJ RAMACHANDRA, IN
[73] CIPLA LIMITED, IN
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[54] **LINE PRESSURE MEASUREMENT USING DIFFERENTIAL PRESSURE SENSOR**
[54] **MESURE DE PRESSION DE CANALISATION A L'AIDE D'UN CAPTEUR DE PRESSION DIFFERENTIELLE**
[72] HARASYN, DONALD E., US
[72] WILLCOX, CHARLES R., US
[73] ROSEMOUNT INC., US
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[54] **COPOLYMERE CONTENANT DES GROUPES DE SILICONE, SA PRODUCTION ET SON UTILISATION**
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[54] **SERVO-CANAL SYNCHRONE PERMETTANT DE DETECTER UNE POSITION LONGITUDINALE ET DE GENERER UN SIGNAL D'ERREUR DE POSITION DANS DES SYSTEMES D'ENTRAINEMENT DE BANDES**
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[54] **SYSTEME ET METHODE DE REGLAGE DU DEBIT DU CODEC D'UN TRAJET DE TRANSMISSION PENDANT L'ETABLISSEMENT DE L'APPEL EN RAISON DE LA PERFORMANCE DE TRANSMISSION REDUITE**
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[54] **PROCEDE D'ELIMINATION DE METAUX LOURDS D'EAUX USEES INDUSTRIELLES A L'AIDE DE MEMBRANES D'ULTRAFILTRATION OU DE MICROFILTRATION IMMERGEES**
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[72] VIELLEVOYE, MARCEL, BE
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[54] **SERINGUE POUR EXPRIMER SEQUENTIELLEMENT DIFFERENTS LIQUIDES, ET SON PROCEDE D'UTILISATION**
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[73] MEDICAL COMPONENTS, INC., US
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[72] GRIMM, JEFFREY S., US
[72] SORGI, KIRK L., US
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[72] DOUCETTE, CATHY C., US
[72] COOPER, ANDREW J., US
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[73] DYNACO EUROPE, BE
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[72] MAXON, BARTLEY D., US
[72] JACOBS, THOMAS E., US
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[54] **ENSEMBLE DE TUBES JETABLES DESTINE A ETRE UTILISE AVEC UN DISPOSITIF D'EXPANSION CELLULAIRE, ET PROCEDE D'ECHANTILLONNAGE STERILE**
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[72] STRICKER, HERMANN, CH
[72] SENGER, RETO, CH
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[54] **SYSTEME ET PROCEDE PERMETTANT DE GERER PAR VOIE HYDRAULIQUE UNE PRESSION DE FLUIDE EN AVAL D'UNE SOUPAPE PRINCIPALE ENTRE DES VALEURS DE CONSIGNE**
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[72] UTSUMI, NAOTO, JP
[72] TAIRA, SHINICHI, JP
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[72] ZUCK, KARINA, US
[72] WATTHEY, JEFFREY W.H., US
[72] OHLER, ZOE, US
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[72] HUIBERTS, JOHANNES THEODORUS EMERENTIA, NL
[72] VERHOEVEN, ROMANUS EDUARD, NL
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[73] NATIONAL OILWELL VARCO, L.P., US
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[54] **PROCEDE DE FABRICATION D'UNE FORMULATION AQUEUSE A BASE DE SOLUTION D'UN POLYMERE PEIGNE ACRYLIQUE ET D'EMULSION EPAISSISSANTE ACRYLIQUE, FORMULATION OBTENUE ET SES UTILISATIONS DANS LE COUCHAGE PAPETIER**
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[73] COATEX S.A.S., FR
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[54] **REVETEMENT POUR LE TRAITEMENT ACOUSTIQUE INTEGRANT LA FONCTION DE TRAITEMENT DU GIVRE AVEC DE L'AIR CHAUD**
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[54] **SYSTEME ET PROCEDE POUR REALISER UN APPORT DE MATERIAU SUR UN COMPOSANT**
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[72] KEICHER, DAVE, US
[72] TUCKER, ED, US
[73] ROLLS-ROYCE CORPORATION, US
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[54] **PROCEDE D'OPTIMISATION DE LA COMMANDE D'UN CENTRE DE TRAITEMENT DES FUMEES D'UN FOUR A FEU TOURNANT DE CUISSON DE BLOCS CARBONES**
[72] MAHIEU, PIERRE, FR
[72] MALARD, THIERRY, FR
[73] SOLIOS ENVIRONNEMENT, FR
[73] SOLIOS CARBONE, FR
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[72] CHANG, TAE RYUN, US
[72] KIM, JE WOO, US
[72] PARK, JONG HYEON, US
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[72] KLAR, ULRICH, DE
[72] KUHNKE, JOACHIM, DE
[72] BOHLMANN, ROLF, DE
[72] HUEBNER, JAN, DE
[72] RING, SVEN, DE
[72] FRENZEL, THOMAS, DE
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[54] **DISPOSITIF D'IMPLANT DESTINE A ETRE UTILISE DANS UN SYSTEME D'IMPLANT**
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[72] LUSCHER, PATRICK, CH
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[54] **DISPOSITIF A EFFLEUREMENT**
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[72] PEDERSEN, HENRIK CHRESTEN, DK
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[54] **ELEMENTS D'ECOULEMENT UTILISES AVEC DES AIGUILLES RACHIDIENNES SOUPLES, ENSEMBLES AIGUILLE ET PROCEDES DE FABRICATION ET D'UTILISATION DE CEUX-CI**
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[54] **PROCEDE ET SYSTEME PERMETTANT DE TRANSFERER DES INFORMATIONS D'EMISSION ET RECEPTION SANS FIL SPECIFIQUES D'UNITE**
[72] RUDOLF, MARIAN, CA
[72] TERRY, STEPHEN E., US
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[54] **DISPOSITIF COULISSANT POUR LA SUSPENSION D'UNE FOREUSE OU D'UNE COLONNE DE TUBAGE DANS UN PLANCHER DE MANOEUVRE**
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[73] TTS SENSE AS, NO
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[54] **DISPOSITIF DE MANUTENTION DE MATERIAUX MUNI D'UN SYSTEME DE DIRECTION QUI COMPREND UN DISPOSITIF DE RETROACTION TACTILE**
[72] WETTERER, GEORGE ROBERT, US
[72] SCHLOEMER, JAMES FRANCIS, US
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[54] **PROCEDE ET SYSTEME POUR OPTIMISER UNE GEOMETRIE DE DISPOSITIF D'ALIGNEMENT DENTAIRE**
[72] MATOV, VADIM, US
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[54] **APPAREIL DE CHAUFFAGE ELECTRIQUE A RESISTANCE POUR ESPACE RESTREINT**
[72] LOLLAR, JAMES PATRICK, US
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[54] **COMPOSITIONS D'ADJUVANT DE RINCAGE AVEC DES CARACTERISTIQUES AMELIOREES**
[72] NAGY, ANDRAS, US
[72] MOHAMMED, SAIID, US
[72] PARRISH, DENNIS, US
[72] SCHICK, GEORG, US
[72] HAMANN, INGO, US
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[73] CONAIR CORPORATION, US
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[54] **STATION MOBILE ET STATION DE BASE**
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[54] **INSTALLATION ET METHODE DE PALETTISATION**
[72] JOHNSEN, OLE, CA
[72] TROTTIER, DENIS, CA
[72] KOWALCZUK, WOJCIECH, CA
[73] JOHNSEN MACHINE COMPANY LTD., CA
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[72] BOUNEFF, ANTHONY B., US
[73] WESTPORT MEDICAL, INC., US
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[54] **SOLUTIONS PHARMACEUTIQUES, PROCEDE DE PREPARATION ET UTILISATIONS THERAPEUTIQUES**
[72] SCHENKEL, ERIC, BE
[72] POULAIN, CLAIRE, BE
[72] DODELET, BERTRAND, BE
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[73] UCB BIOPHARMA SPRL, BE
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[54] **DERIVES 4H-1-BENZOPYRAN-4-ONE-6-AMIDINO 2-ARYLIQUES ET 2-HETEROARYLIQUES POUR LE TRAITEMENT DE L'ARTHRITE, DU CANCER ET D'UNE DOULEUR APPARENTEE**
[72] GIORDANI, ANTONIO, IT
[72] VERPILIO, ILARIO, IT
[72] PUCCI, SABRINA, IT
[72] ARTUSI, ROBERTO, IT
[72] CASELLI, GIANFRANCO, IT
[72] LANZA, MARCO, IT
[72] MENNUNI, LAURA, IT
[72] MAKOVEC, FRANCESCO, IT
[72] ROVATI, LUCIO CLAUDIO, IT
[73] ROTTAPHARM BIOTECH S.R.L., IT
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[72] JUILLAGUET, SEBASTIEN, FR
[73] THALES, FR
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[54] **METHODS OF TREATING CHRONIC PAIN**
[54] **PROCEDES DE TRAITEMENT D'UNE DOULEUR CHRONIQUE**
[72] CORRADINI, LAURA, GB
[72] MACHIN, IAN, GB
[72] POULSEN, KRISTIAN TODD, US
[72] SHELTON, DAVID LOUIS, US
[72] ZELLER, JOERG, US
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[54] **DISPOSITIF DE SEPARATION**
[72] HANSEN, BERND, DE
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[54] **METHOD OF MONITORING A MIXTURE OF AT LEAST TWO COMPONENTS**
[54] **PROCEDE DE SURVEILLANCE D'UN MELANGE D'AU MOINS DEUX COMPOSANTS**
[72] LINK, TORSTEN, DE
[73] WOBBEN, ALOYS, DE
[85] 2010-08-26
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[54] **PROCEDE D'ASSEMBLAGE ENTRE UNE PIECE EN MATERIAU METALLIQUE ET UNE PIECE EN MATERIAU COMPOSITE**
[72] BIANCO, STEPHANE, FR
[72] PINTO, LAURENT, FR
[73] AIRBUS OPERATIONS (S.A.S), FR
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[54] **SYSTEME ET METHODE DE DETECTION DES CARACTERISTIQUES D'UN CONTREPLAQUE DE BOIS LAMINE**
[72] IRVING, DAVID C., US
[72] TAYLOR, THOMAS J., US
[73] WEYERHAEUSER NR COMPANY, US
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[54] **DISPOSITIF DE DISTRIBUTION DE BOISSONS GAZEUSES ET ROBINET A TROIS POSITIONS**
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[73] BUCHIK, SERGEI ALEKSANDROVICH, RU
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[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT DU BRIVARACETAM**
[72] FECKMAN, FREDERIC, BE
[72] BERWAER, MONIQUE, BE
[72] FANARA, DOMENICO, BE
[73] UCB PHARMA, S.A., BE
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[54] **WATER-IN-OIL EMULSIONS WITH ETHYLENE OXIDE GROUPS, COMPOSTIONS, AND METHODS**
[54] **EMULSIONS D'EAU DANS DE L'HUILE AVEC DES GROUPES OXYDE D'ETHYLENE, COMPOSITIONS ET METHODES**
[72] MOSBEY, DERAL T., US
[72] EIAN, GILBERT L., US
[72] SCHOLZ, MATTHEW T., US
[72] MALLO, RICHARD A., US
[72] LU, LING, US
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[54] **BOITE POUR LA PREPARATION IMPROVISEE DE BOISSONS PAR EXTRACTION ET/OU INFUSION, COMPORTANT UN COUVERCLE DE SECURITE**
[72] BRIZIO, ADRIANA, CH
[73] BRIZIO, ADRIANA, IT
[85] 2010-10-29
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[54] **LIPOPROTEIN LIPASE-ACTIVATING COMPOSITIONS COMPRISING BENZENE DERIVATES**
[54] **COMPOSITIONS ACTIVANT LA LIPOPROTEINE LIPASE RENFERMANT DES DERIVES BENZENIQUES**
[72] NEAGU, IRINA, US
[72] OHLMEYER, MICHAEL, US
[72] PARADKAR, VIDYADHAR M., US
[72] SAIONZ, KURT W., US
[72] IWATA, KOUSHI, JP
[72] OKAMURA, TAKASHI, JP
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[54] **SHAPED PART**
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[72] GERZOSKOVITZ, STEFAN, AT
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[54] **DETERMINATION AUTOMATIQUE DE L'ORIGINE POUR LE LANCEMENT PLUS RAPIDE DE LA DEMANDE RELATIVE A LA ROUTE ET TEMPS DE REPONSE DU SYSTEME AINSI OBTENU**
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[72] DAGMAN, GENNADY, US
[73] BLACKBERRY LIMITED, CA
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[73] CILAG GMBH INTERNATIONAL, CH
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[54] **METHOD FOR PRODUCING A TRANSPARENT AND CONDUCTIVE METAL OXIDE LAYER BY HIGHLY IONIZED PULSED MAGNETRON SPUTTERING**
[54] **PROCEDE POUR PRODUIRE UNE COUCHE D'OXYDE METALLIQUE TRANSPARENTE ET CONDUCTRICE PAR PULVERISATION MAGNETRON PULSEE HAUTEMENT IONISANTE**
[72] HORSTMANN, FELIX, DE
[72] SITTINGER, VOLKER, DE
[72] SZYSZKA, BERND, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUE FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[73] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
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[54] **PRODUCTION DE GAZ DE SYNTHESE PROPRE A PARTIR D'UNE BIOMASSE**
[72] LI, YAN, CA
[72] MUI, CLIFFORD LOW BOR, CA
[72] SPARICA, DEJAN, CA
[72] VANDERGRIENDT, HENDRICK, CA
[73] NEXTERRA SYSTEMS CORP., CA
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[54] **AMPLIFICATEUR POUR COMMANDER LE GAIN ET MODULE OPTIQUE**
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[73] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
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[54] **DEMANDE DE DONNEES GROUPEES A L'INTERIEUR D'UN INDEX DE MOTEUR DE RECHERCHE**
[72] JOHNSON, WILLIAM K., III, US
[72] TAMM-DANIELS, RIK, US
[72] PROBSTEIN, SID, US
[72] SMITH, TIM, US
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[54] **METHOD OF ELECTROWINNING A METAL, AN ELECTROLYSIS SYSTEM AND AN ANODE BAG**
[54] **PROCEDE D'ELECTROOBTENTION D'UN METAL, SYSTEME D'ELECTROLYSE ET SAC D'ANODE**
[72] HIETALA, KARI, FI
[72] KURKI, SEIJA, FI
[72] TUUPPA, EERO, FI
[73] OUTOTEC OYJ, FI
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[54] **SYSTEME D'EXTINCTION A GAZ INERTE POUR LA THERMOREGULATION**
[72] GATSONIDES, JOSEPHINE GABRIELLE, GB
[72] DUNSTER, ROBERT G., GB
[73] KIDDE TECHNOLOGIES, INC., US
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[54] **POWER SWITCHING FOR ELECTRONIC DEVICE TEST EQUIPMENT**
[54] **COMMUTATION D'ALIMENTATION POUR L'EQUIPEMENT D'ESSAI D'UN DISPOSITIF ELECTRONIQUE**
[72] GOJA, KAROLY, CA
[72] NI, JUN, CA
[72] DODD, WILLIAM MARK, CA
[72] IVANNIKOV, ARKADY, CA
[73] BLACKBERRY LIMITED, CA
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[54] **SYSTEME DETECTEUR AVEC SYSTEME DE LOCALISATION**
[72] LENTERING, RALF, DE
[72] RUHNAU, KAI, DE
[73] FLIR RADIATION GMBH, DE
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[54] **METHOD AND APPARATUS FOR TEMPERATURE CONTROL IN A REACTOR VESSEL**
[54] **PROCEDE ET APPAREIL POUR LE CONTROLE DE LA TEMPERATURE DANS UN CAISSON DE REACTEUR**
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[72] PEARSON, MURRAY S., CA
[72] MCCOMBE, WILLIAM E., CA
[73] HATCH LTD., CA
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[54] **ENCEINTE DE PANNEAU DE DISTRIBUTION AVEC INTERRUPTEUR DE COURANT EXTERIEUR AMELIORE**
[72] COSLEY, MICHAEL R., US
[72] AMOROSO, ALAN, US
[72] KING, ARON J., US
[73] DIVERSIFIED CONTROL, INC., US
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[54] **PROCEDES DE PRODUCTION DE N-ALKYL (ALKYL) ACRYLAMIDES**
[72] MORRIS, JOHN D., US
[73] NALCO COMPANY, US
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[72] EFTEKHARI, AMIR R., US
[72] THOMAS, ERIKHEATH A., US
[72] HOWE, CAROL ANN, US
[72] ERICKSEN, GEORGE THOMAS, US
[72] HUFF, GERALD BARON, US
[72] WANG, GANG, US
[73] INTUIT INC., US
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[54] **DOWNHOLE ADJUSTABLE BENT-ANGLE MECHANISM FOR USE WITH A MOTOR FOR DIRECTIONAL DRILLING**
[54] **MECANISME A ANGLE DE COURBURE REGLABLE DE FOND DE TROU DESTINE A ETRE UTILISE AVEC UN MOTEUR POUR UN FORAGE DIRECTIONNEL**
[72] VANSTEENWYK, DONALD H., US
[72] BUCKLEY, DENNIS J., US
[72] HIGGINBOTHAM, JAMES R., US
[72] CHUSTZ, MARK, US
[72] TEYS, RAYMOND W., US
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[54] **GUICHET AUTOMATIQUE BANCAIRE A COQUE INCLINABLE**
[72] GRAFF, THOMAS H., US
[72] FOCKLER, GREGORY, US
[72] KRAFT, DAVE, US
[72] SCHOEFFLER, DANIEL, US
[72] KANSA, ROBERT, US
[72] KOVACS, DOUGLAS A., US
[72] UTZ, ZACHARY, US
[72] TULA, PEDRO, US
[72] WYMER, MARK, US
[72] DOUGLASS, MARK, US
[72] LUTE, RICHARD C., JR., US
[72] BOOTH, JAMES, US
[72] EASTMAN, JEFFREY, US
[72] BESKITT, WILLIAM D., US
[72] JENKINS, RANDALL, US
[72] SZABAT, WALTER J., US
[72] MLEZIVA, ROY, US
[72] GRIGGY, SHAWN, US
[72] WANG, ZEN Y., US
[72] VAISHNAV, DOLAR HARSHADRAI, US
[72] YOUNG, JEFF, US
[72] FELT, DENNIS, US
[72] HOLLIFIELD, DAVID, US
[72] MAGEE, PAUL D., US
[72] BARKER, DAVID, US
[72] BARNETT, ROBERT W., US
[72] TUROCY, KENNETH, US
[72] WATSON, TIMOTHY, US
[72] BAUER, THEODORE, US
[73] DIEBOLD, INCORPORATED, US
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[54] **CASH DISPENSING AUTOMATED BANKING MACHINE WITH FASCIA AND COMPONENT SELF-ALIGNMENT**
[54] **GUICHET AUTOMATIQUE BANCAIRE AVEC COQUE ET ALIGNEMENT AUTOMATIQUE DES COMPOSANTS**
[72] GRAFF, THOMAS H., US
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[72] KRAFT, DAVE, US
[72] SCHOEFFLER, DANIEL, US
[72] KANSA, ROBERT, US
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[72] BESKITT, WILLIAM D., US
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[72] WANG, ZEN Y., US
[72] VAISHNAV, DOLAR HARSHADRAI, US
[72] YOUNG, JEFF, US
[72] FELT, DENNIS, US
[72] HOLLIFIELD, DAVID, US
[72] MAGEE, PAUL D., US
[72] BARKER, DAVID, US
[72] BARNETT, ROBERT W., US
[72] TUROCY, KENNETH, US
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[73] DIEBOLD, INCORPORATED, US
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[72] SMITH, DAVID S., US
[73] WOODWARD, INC., US
[85] 2011-02-11
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[54] **PREPARATIONS DE THROMBINE ET PROCESSUS DE FABRICATION**
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[54] **PROCESSES AND SYSTEMS FOR ACHIEVING AND ASSISTING IN IMPROVED NUTRITION BASED ON FOOD ENERGY DATA AND RELATIVE HEALTHFULNESS DATA**
[54] **PROCEDES ET SYSTEMES POUR METTRE EN OEUVRE ET FACILITER UNE NUTRITION AMELIOREE SUR LA BASE DE DONNEES D'ENERGIE D'ALIMENTAIRE ET DE DONNEES DE SANTE ASSOCIEES**
[72] HALKUFF, DAWN, US
[72] GERWIG, UTE, DE
[72] PEETZ, JULIA, DE
[72] JACOBSOHN, CHRISTINE, DE
[72] FRYE, WANEMA, US
[72] ROST, STEPHANIE LYN, US
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[54] **MILIEU DE CROISSANCE A BASE DE BIOPOLYMERE, SES PROCEDES DE PRODUCTION ET D'UTILISATION**
[72] KENNEDY, T. SCOTT, US
[73] GROW-TECH LLC, US
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[54] **IDENTIFICATION EN LIGNE A MODELE PREDICTIF D'UNE DYNAMIQUE D'EFFORT RESPIRATOIRE DE PATIENT DANS DES VENTILATEURS MEDICAUX**
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[54] **SYSTEME ET PROCEDE DESTINES A UN ACCES ET A UNE COMMUNICATION ENTRE UN SYSTEME DE CARNETS D'ADRESSES CONVERGENTS EN RESEAU ET UN DISPOSITIF UTILISATEUR**
[72] CHITTURI, SURESH, US
[72] MCCOLGAN, BRIAN EDWARD ANTHONY, CA
[73] BLACKBERRY LIMITED, CA
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[54] **ENSEMBLE DE MONTAGE MURAL DE GARNITURE FIXE AVEC SOLIN INTEGRE**
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[73] TAPCO INTERNATIONAL CORPORATION, US
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[73] SIRIUS XM CONNECTED VEHICLE SERVICES INC., US
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[54] **LIQUID-FUEL SYNTHESIZING METHOD AND LIQUID-FUEL SYNTHESIZING APPARATUS**
[54] **PROCEDE DE SYNTHESE DE COMBUSTIBLE LIQUIDE ET APPAREIL PERMETTANT DE LE SYNTHETISER**
[72] ONISHI, YASUHIRO, JP
[72] HIRAMA, AKIHIKO, JP
[73] COSMO OIL CO., LTD., JP
[73] JX NIPPON OIL & ENERGY CORPORATION, JP
[73] JAPAN OIL, GAS AND METALS NATIONAL CORPORATION, JP
[73] INPEX CORPORATION, JP
[73] JAPAN PETROLEUM EXPLORATION CO., LTD., JP
[73] NIPPON STEEL ENGINEERING CO., LTD., JP
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[54] **INTERFACE A FAIBLE COEFFICIENT DE FROTTEMENT POUR TISSU A DEUX EPAISSEURS**
[72] CARLSON, MARTIN J., US
[72] PAYETTE, MARK J., US
[73] TAMARACK HABILITATION TECHNOLOGIES, INC., US
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[54] **SYSTEME DE CONNEXION DE PARE-FEU A DEGAGEMENT RAPIDE ET METHODE DE CONSTRUCTION**
[72] HATZINIKOLAS, MICHAEL, CA
[73] FERO CORPORATION, CA
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[54] **ELEMENT POUR UNE STRUCTURE INCLUANT UNE COUCHE DE FILTRAGE DU RAYONNEMENT SOLAIRE**
[72] SELLES, OLIVIER E., DE
[72] MAURER, MARC, FR
[73] CERTAINTEED CORPORATION, US
[86] (2761355)
[87] (2761355)
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[54] **IMPROVEMENTS IN OR RELATING TO A MACHINE FOR THE PREPARATION OF BEVERAGES**
[54] **AMELIORATIONS APPORTEES A UNE MACHINE DESTINEE A PREPARER DES BOISSONS U ASSOCIEES A CETTE MACHINE**
[72] BENTLEY, ANDREW CHARLES, GB
[72] LLOYD, ADAM MARTYN, GB
[73] KRAFT FOODS R & D, INC., US
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[25] EN
[54] **METHOD OF MAKING PURE SALT FROM FRAC-WATER/WASTEWATER**
[54] **PROCEDE DE FABRICATION D'UN SEL PUR A PARTIR D'EAU DE FRACTURE/EAU RESIDUAIRE**
[72] DITOMMASO, FRANK A., US
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[73] FRACPURE HOLDINGS LLC, US
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[54] **MULTI-BEND DISPLAY ACTIVATION ADAPTATION**
[54] **ACTIVATION ET/OU ADAPTATION D'UN AFFICHAGE SOUPLE A COURBURES MULTIPLES**
[72] JANO, BASHAR, US
[72] TZIORTZIS, ALEK, US
[73] BLACKBERRY LIMITED, CA
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[87] (2764840)
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[25] EN
[54] **VACUUM CLEANER WITH ENHANCED MANEUVERABILITY**
[54] **ASPIRATEUR A MANOEUVRABILITE AMELIOREE**
[72] STRECIWILK, ERIC J., US
[73] PANASONIC CORPORATION OF NORTH AMERICA, US
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[54] **DISPOSITIF LASER A EMISSION PAR LA SURFACE, RESEAU LASER A EMISSION PAR LA SURFACE, SCANNER OPTIQUE ET APPAREIL DE FORMATION D'IMAGE**
[72] HARASAKA, KAZUHIRO, JP
[72] SATO, SHUNICHI, JP
[72] HAYASHI, MASAHIRO, JP
[72] ITOH, AKIHIRO, JP
[72] HANAOKA, KATSUNARI, JP
[73] RICOH COMPANY, LTD., JP
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[54] **TUYERE D'HELICE PIVOTANTE POUR NAVIRES**
[72] LEHMANN, DIRK, DE
[73] BECKER MARINE SYSTEMS GMBH & CO. KG, DE
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[54] **DISPOSITIF DE CONVERSION DE PUISSANCE**
[72] HARADA, RYOTARO, JP
[72] TAKAHASHI, TETSUYA, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
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[54] **HIGH SAMPLING RESOLUTION DTS SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE CAPTEUR REPARTI DE TEMPERATURE (DTS) A RESOLUTION D'ECHANTILLONNAGE ELEVEE**
[72] BARFOOT, DAVID, US
[72] KALAR, KENT, US
[72] JAASKELAINEN, KARI-MIKKO, US
[73] SENSORTRAN, INC, US
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[25] EN
[54] **ELECTRONIC DEVICES WITH CAPACITIVE PROXIMITY SENSORS FOR PROXIMITY-BASED RADIO-FREQUENCY POWER CONTROL**
[54] **DISPOSITIFS ELECTRONIQUES A CAPTEURS DE PROXIMITE CAPACITIFS POUR COMMANDE DE PUISSANCE RADIOFREQUENCE A BASE DE PROXIMITE**
[72] AMM, DAVID T., US
[72] SCHLUB, ROBERT W., US
[72] LEUNG, OMAR S., US
[72] KING, BRIAN M., US
[72] LI, QINGXIANG, US
[72] AYALA VAZQUEZ, ENRIQUE, US
[72] GOMEZ ANGULO, RODNEY ANDRES, US
[72] JIANG, YI, US
[72] CABALLERO, RUBEN, US
[73] APPLE INC., US
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[54] **ELECTRONIC DEVICES WITH PARASITIC ANTENNA RESONATING ELEMENTS THAT REDUCE NEAR FIELD RADIATION**
[54] **DISPOSITIFS ELECTRONIQUES A ELEMENTS RESONNANTS D'ANTENNE PARASITES QUI REDUISENT LE RAYONNEMENT EN CHAMP PROCHE**
[72] SCHLUB, ROBERT W., US
[72] AMM, DAVID T., US
[72] LEUNG, OMAR S., US
[72] KING, BRIAN M., US
[72] LI, QINGXIANG, US
[72] AYALA VAZQUEZ, ENRIQUE, US
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[72] CABALLERO, RUBEN, US
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[25] EN
[54] **METHOD AND APPARATUS FOR ENCODING AND DECODING IMAGE BY USING LARGE TRANSFORMATION UNIT**
[54] **PROCEDE ET APPAREIL DE CODAGE ET DE DECODAGE D'IMAGE A L'AIDE D'UNE UNITE DE TRANSFORMATION DE GRANDE DIMENSION**
[72] LEE, TAMMY, KR
[72] HAN, WOO-JIN, KR
[72] CHEN, JIANLE, KR
[72] JUNG, HAE-KYUNG, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2012-01-13
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[25] EN
[54] **A HEARING AID ADAPTED FOR DETECTING BRAIN WAVES AND A METHOD FOR ADAPTING SUCH A HEARING AID**
[54] **PROTHESE AUDITIVE ADAPTEE POUR DETECTER DES ONDES CEREBRALES ET PROCEDE D'ADAPTATION D'UNE TELLE PROTHESE AUDITIVE**
[72] KIDMOSE, PREBEN, DK
[72] MANDIC, DANILLO P., GB
[72] UNGSTRUP, MICHAEL, DK
[72] LOONEY, DAVID, GB
[72] PARK, CHEOLSOO, GB
[72] RANK, MIKE LIND, DK
[73] WIDEX A/S, DK
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[54] **SYNTHESE ENZYMATIQUE DE CARBA-NAD**
[72] DUEFEL, HARTMUT, DE
[72] HEINDL, DIETER, DE
[72] HORN, CARINA, DE
[72] MEIER, THOMAS, DE
[72] SCHMUCK, RAINER, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
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[25] EN
[54] **STABILIZATION OF ENZYMES WITH STABLE COENZYMES**
[54] **STABILISATION D'ENZYMES PAR DES COENZYMES STABLES**
[72] ROEDEL, WOLFGANG, DE
[72] HORN, CARINA, DE
[72] STEINKE, NELLI, DE
[72] BUCCI, NADINE, DE
[72] MEIER, THOMAS, DE
[72] SCHMUCK, RAINER, DE
[72] NAGEL, ROLF, DE
[72] HEINDL, DIETER, DE
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[54] **GENERATING MEASUREMENT REPORTS UNDER RAPID DEGRADATION OF RADIO CONDITIONS**
[54] **GENERATION DE RAPPORTS DE MESURE EN CAS DE DEGRADATION RAPIDE DES CONDITIONS RADIO**
[72] KATEPALLI, VENKATESWARLU, GB
[72] MAGADI RANGAIAH, RAGHAVENDRA, GB
[72] SUZUKI, TAKASHI, JP
[72] FARNSWORTH, ANDREW, GB
[73] BLACKBERRY LIMITED, CA
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[54] **ENCODING AND DECODING VIDEO USING HIERARCHICALLY-DIVIDED CODING UNITS**
[54] **CODAGE ET DECODAGE VIDEO A L'AIDE D'UNITES DE CODAGE HIERARCHIQUES**
[72] CHEN, JIANLE, KR
[72] CHEON, MIN-SU, KR
[72] LEE, JAE-CHOOL, KR
[72] MIN, JUNG-HYE, KR
[72] JUNG, HAE-KYUNG, KR
[72] KIM, IL-KOO, KR
[72] LEE, SANG-RAE, KR
[72] LEE, KYO-HYUK, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **METHOD FOR PRODUCING LARGE DIAMETER INGOTS OF NICKEL BASE ALLOYS**
[54] **PROCEDE DE FABRICATION DE LINGOTS DE GRAND DIAMETRE EN ALLIAGES A BASE DE NICKEL**
[72] BOND, BETSY J., US
[72] JACKMAN, LAURENCE A., US
[72] BALLANTYNE, A. STEWART, US
[73] ATI PROPERTIES, INC., US
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[54] **BISPECIFIC DEATH RECEPTOR AGONISTIC ANTIBODIES**
[54] **ANTICORPS AGONISTES BISPECIFIQUES DU RECEPTEUR DE MORT**
[72] BRUENKER, PETER, CH
[72] FERRARA KOLLER, CLAUDIA, CH
[72] GRAU, SANDRA, CH
[72] HERTER, SYLVIA, CH
[72] LAMPERT, CHRISTOPH, CH
[72] MOESSNER, EKKEHARD, CH
[72] UMANA, PABLO, CH
[72] WALDHAUER, INJA, CH
[73] ROCHE GLYCART AG, CH
[85] 2012-03-07
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[25] EN
[54] **STABLE CO-FORMULATION OF HYALURONIDASE AND IMMUNOGLOBULIN, AND METHODS OF USE THEREOF**
[54] **CO-FORMULATION STABLE DE HYALYRONIDASE ET D'IMMUNOGLOBULINE ET SES PROCEDES D'UTILISATION**
[72] TESCHNER, WOLFGANG, AT
[72] SVATOS, SONJA, AT
[72] BRUCKSCHWAIGER, LEOPOLD, AT
[72] WEBER, ALFRED, AT
[72] SCHWARZ, HANS-PETER, AT
[72] LEI, LAURA, US
[73] BAXTER HEALTHCARE, S.A., CH
[73] BAXTER INTERNATIONAL, INC., US
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[54] **LITHIUM SECONDARY BATTERY**
[54] **BATTERIE SECONDAIRE AU LITHIUM**
[72] HARA, TOMITARO, JP
[72] ARAI, TAKUICHI, JP
[72] TERAMOTO, DAISUKE, JP
[72] YUASA, SACHIE, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2012-04-10
[86] 2010-09-17 (PCT/JP2010/066230)
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[25] EN
[54] **FILTER AND FILTER HANDLE FOR USE IN WATER FILTRATION SYSTEMS**
[54] **FILTRE ET POIGNEE DE FILTRE POUR LES SYSTEMES DE FILTRATION DE L'EAU**
[72] VOGTNER, ZACHARY, US
[73] CUSTOM MOLDED PRODUCTS, INC., US
[86] (2778019)
[87] (2778019)
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[25] EN
[54] **SUBFLOOR COMPONENT AND METHOD OF MANUFACTURING SAME**
[54] **COMPOSANT DE SOUS-PLANCHER ET METHODE DE FABRICATION**
[72] AMEND, VICTOR, CA
[73] AMEND, VICTOR, CA
[86] (2779036)
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[54] **POLYMER COMPOSITE STRUCTURE REINFORCED WITH SHAPE MEMORY ALLOY AND METHOD OF MANUFACTURING SAME**
[54] **STRUCTURE POLYMERE COMPOSITE RENFORCEE A L'AIDE D'UN ALLIAGE A MEMOIRE DE FORME ET SON PROCEDE DE PRODUCTION**
[72] SCHNEIDER, TERRY L., US
[73] THE BOEING COMPANY, US
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[54] **SUPPORT DE CHARGES A GRANDE CAPACITE**
[72] RITZBERGER, AXEL, CH
[73] GEORG UTZ HOLDING AG, CH
[85] 2012-05-04
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[30] DE (10 2009 060 970.9) 2009-11-06

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[54] **WHEELCHAIR**
[54] **FAUTEUIL ROULANT**
[72] JURKIEWICZ, DAMON, US
[72] GREINER, JOSHUA, US
[72] YEE, DANIEL JAMES, US
[72] WATSON, DANIEL, US
[72] MOHAN, TRAIAN, US
[72] BEKOSCKE, ROBERT, US
[73] INVACARE CORPORATION, US
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[25] EN
[54] **A SURFACE TREATING AGENT CONTAINING A FILM FORMING RESIN COMPOSITION AS WELL AS FILLERS, AND USE THEREOF**
[54] **AGENT DE TRAITEMENT DE SURFACE CONTENANT UNE COMPOSITION DE RESINE FILMOGENE ET DES CHARGES, ET SON UTILISATION**
[72] LAURSEN, UFFE, DK
[73] ULMADAN-R.D. APS, DK
[73] HOMAG HOLZBEARBEITUNGSSYSTEME AG, DE
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[25] EN
[54] **ABRASIVE ARTICLE FOR USE WITH A GRINDING WHEEL**
[54] **ARTICLE ABRASIF A UTILISER AVEC UNE ROUE DE MEULAGE**
[72] RAMANATH, SRINIVASAN, US
[72] VEDANTHAM, RAMANUJAM, US
[73] SAINT-GOBAIN ABRASIVES, INC., US
[73] SAINT-GOBAIN ABRASIFS, FR
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[54] **SYNTHETIC CVD DIAMOND**
[54] **DIAMANT SYNTHETIQUE OBTENU PAR CVD**
[72] TWITCHEN, DANIEL JAMES, GB
[72] BENNETT, ANDREW MICHAEL, GB
[72] KHAN, RIZWAN UDDIN AHMAD, GB
[72] MARTINEAU, PHILIP MAURICE, GB
[73] ELEMENT SIX LIMITED, IM
[85] 2012-05-28
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[54] **SUPPORT POUR AIGUISAGE DE PATIN, LAME DE PATIN ET PROCEDE D'UTILISATION**
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[73] HONDA MOTOR CO., LTD., JP
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[73] DONAGHYS LIMITED, NZ
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[54] **ARCHITECTURE DE MOTEUR DE TURBINE A GAZ DOTE D'UN MOYEU DE COMPRESSEUR BASSE PRESSION ENTRE LES ROULEMENTS DE BUTEE DU ROTOR SUPERIEUR ET DU ROTOR INFERIEUR**
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[72] REINHARDT, GREGORY E., US
[72] DIBENEDETTO, ENZO, US
[73] UNITED TECHNOLOGIES CORPORATION, US
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[72] AVERBUCH, ROD N., US
[72] DROBKA, GERALD R., US
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[73] INTERNATIONAL PAPER COMPANY, US
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[72] HOKE, STEVEN HAMILTON, II, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **SYSTEME, PROCEDE ET APPAREIL UTILISES POUR PERMETTRE A DES JOINTS POLYMERES D'ASSURER UNE FERMETURE POSITIVE POUR LE MOULAGE PAR INSERTION DE CAOUTCHOUC DE SILICONE LIQUIDE**
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[73] SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION, US
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[73] SUNTORY HOLDINGS LIMITED, JP
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[54] **RAIL D'ACIER ET PROCEDE DE FABRICATION DE CELUI-CI**
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[72] KOBAYASHI, AKIRA, JP
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[54] **PROCEDE ET APPAREIL POUR RESTAURATION DE RAIL ET FABRICATION DE RAIL FAISANT INTERVENIR UN SOUDAGE**
[72] KEEFE, ROD, US
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[54] **SYSTEME DE SEPARATION D'ELEMENT TUBULAIRE ET SON PROCEDE D'UTILISATION**
[72] SPRINGETT, FRANK BENJAMIN, US
[72] ENSLEY, ERIC TREVOR, US
[72] JOHNSON, CHRISTOPHER DALE, US
[72] PETERS, SHERN EUGENE, US
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[54] **EMERGENCY STABILIZATION OF A FRACTURED PELVIS**
[54] **STABILISATION D'URGENCE D'UN PELVIS FRACTURE**
[72] POLLIACK, ADRIAN ABRAM, US
[72] HOPMAN, LANCE DAVID, US
[73] THE SEABERG COMPANY, INC., US
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[54] **FILAMENTS COMPRISING AN ACTIVE AGENT NONWOVEN WEBS AND METHODS FOR MAKING SAME**
[54] **FILAMENTS COMPRENANT DES BANDES NON TISSEES AVEC AGENT ACTIF ET PROCEDES DE FABRICATION ASSOCIES**
[72] GORDON, GREGORY CHARLES, US
[72] GLENN, ROBERT WAYNE, JR., US
[72] SIVIK, MARK ROBERT, US
[72] RICHARDS, MARK RYAN, US
[72] HEINZMAN, STEPHEN WAYNE, US
[72] JAMES, MICHAEL DAVID, US
[72] REYNOLDS, GEOFFREY WILLIAM, US
[72] TROKHAN, PAUL DENNIS, US
[72] WEISMAN, PAUL THOMAS, US
[72] HAMAD-EBRAHIMPOUR, ALYSSANDREA HOPE, US
[72] DENOME, FRANK WILLIAM, US
[72] HODSON, STEPHEN JOSEPH, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **HOSE CLAMP**
[54] **COLLIER DE SERRAGE POUR FLEXIBLE**
[72] MIESSMER, STEFAN, CH
[73] HANS OETIKER AG MASCHINEN- UND APPARATEFABRIK, CH
[85] 2012-12-20
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[25] EN
[54] **AUSTENITE-FERRITE STAINLESS STEEL OF IMPROVED MACHINABILITY**
[54] **ACIER INOXYDABLE AUSTENO-FERRITIQUE A USINABILITE AMELIOREE**
[72] PEULTIER, JEROME, FR
[72] FANICA, AMELIE, FR
[72] RENAUDOT, NICOLAS, FR
[72] BOURGIN, CHRISTOPHE, FR
[72] CHAUVEAU, ERIC, FR
[72] MANTEL, MARC, FR
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[73] UGITECH, FR
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[54] **METHOD FOR HYDROPHILIZING SURFACES OF FLUIDIC COMPONENTS AND PARTS CONTAINING SUCH COMPONENTS**
[54] **PROCEDE D'HYDROPHILISATION DE SURFACES DE COMPOSANTS FLUIDIQUES ET ELEMENTS CONTENANT DE TELS COMPOSANTS**
[72] HOFMANN, WOLFGANG, AT
[72] NOORMOFIDI, TAGHI, AT
[72] ZAHRL, DORIS, AT
[73] F. HOFFMANN-LA ROCHE AG, US
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[54] **THERMAL BARRIER COATINGS INCLUDING CMAS-RESISTANT THERMAL BARRIER COATING LAYERS**
[54] **REVETEMENTS FORMANT BARRIERE THERMIQUE COMPRENANT DES COUCHES DE REVETEMENT FORMANT BARRIERE THERMIQUE RESISTANT AU SCMA**
[72] LEE, KANG N., US
[73] ROLLS-ROYCE CORPORATION, US
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[54] **SOLIDS REMOVAL APPARATUS**
[54] **APPAREIL D'ELIMINATION DE SOLIDES**
[72] FLEMING, DAVID PANTON, GB
[72] DAVIDSON, JACK KNERTSON FLETT, GB
[73] MERPRO PRODUCTS LIMITED, GB
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[54] **TOOL AND METHOD FOR REMOVING A PIN FROM A DOOR HINGE**
[54] **OUTIL ET METHODE DE RETRAIT D'UNE TIGE D'UNE CHARNIDRE DE PORTE**
[72] GOSSELIN, MARTIN, CA
[73] GOSSELIN, MARTIN, CA
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[54] **CONTAINER END CLOSURE WITH OPTIONAL SECONDARY VENT OPENING**
[54] **FERMETURE D'EXTREMITE DE RECIPIENT DOTE D'UNE OUVERTURE D'EVACUATION SECONDAIRE FACULTATIVE**
[72] CHASTEEN, HOWARD C., US
[72] JACOBER, MARK A., US
[73] BALL CORPORATION, US
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[54] **HEAT RESISTANT FLOOR ASSEMBLY FOR A RAIL VEHICLE**
[54] **PLANCHER RESISTANT A LA CHALEUR POUR VEHICULE SUR RAIL**
[72] BIGRAS, MARTIN, CA
[72] HEBERT, ANDREE, CA
[72] CHOUINARD, GUILLAUME, CA
[72] HOULE, SYLVIE, CA
[73] BOMBARDIER TRANSPORTATION GMBH, DE
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[54] **PLOW QUICK CONNECT/DISCONNECT HITCH MECHANISM**
[54] **MECANISME D'ATTELAGE A RACCORDEMENT/LIBERATION RAPIDE POUR CHASSE-NEIGE**
[72] KOCH, TIMOTHY G., US
[72] KUECHLER, KEVIN J., US
[72] BUCKBEE, MARK D., US
[72] BRUNNER, DANIEL M., US
[73] SNO-WAY INTERNATIONAL, INC., US
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[25] EN
[54] **A SET OF OLIGO-NUCLEOTIDES AGAINST HIV INFECTION AND ITS APPLICATION IN THE PREVENTION AND TREATMENT OF ACQUIRED IMMUNE DEFICIENCY SYNDROME**
[54] **GROUPE DE FRAGMENTS D'ACIDE NUCLEIQUE S'UTILISANT POUR PREVENIR L'INFECTION PAR VIH OU LE SIDA ET UTILISATION CORRESPONDANTE**
[72] ZHOU, ZHIWEN, CN
[72] FENG, YUXIA, CN
[72] ZUO, CONGLIN, CN
[72] LI, YUEJUAN, CN
[73] BEIJING SOLOBIO GENETECHNOLOGY COMPANY LTD., CN
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[25] EN
[54] **A SET OF OLIGO-NUCLEOTIDES AGAINST HIV INFECTION AND ITS APPLICATION IN THE PREVENTION AND TREATMENT OF ACQUIRED IMMUNE DEFICIENCY SYNDROME**
[54] **GROUPE DE FRAGMENTS D'ACIDE NUCLEIQUE S'UTILISANT POUR PREVENIR L'INFECTION PAR VIH OU LE SIDA ET UTILISATION CORRESPONDANTE**
[72] ZHOU, ZHIWEN, CN
[72] FENG, YUXIA, CN
[72] ZUO, CONGLIN, CN
[72] LI, YUEJUAN, CN
[73] BEIJING SOLOBIO GENETECHNOLOGY COMPANY LTD., CN
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[54] **REFRIGERATOR**
[54] **REFRIGERATEUR**
[72] LIM, KIYOUNG, KR
[73] LG ELECTRONICS INC., KR
[85] 2013-02-19
[86] 2011-08-05 (PCT/KR2011/005749)
[87] (WO2012/023721)
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[25] EN
[54] **SPOKE EDGE GEOMETRY FOR A NON-PNEUMATIC TIRE**
[54] **GEOMETRIE DE BORD DE RAYON POUR BANDAGE NON PNEUMATIQUE**
[72] CRON, STEVEN M., US
[72] DOTSON, MICHAEL EDWARD, US
[72] MILES, KEVIN C., US
[72] RHYNE, TIMOTHY BRETT, US
[73] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
[73] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
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[51] **Int.Cl. F02D 45/00 (2006.01) F02D 29/02 (2006.01) F02D 41/04 (2006.01)**
[25] EN
[54] **SPEED CONTROL MANAGEMENT SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE GESTION DE REGULATION DE VITESSE**
[72] BALTON, CHRISTOPHER, US
[72] SLATON, ZACHARY, US
[72] PAUL, NATHAN, US
[72] OTT, ETHAN A., US
[73] PACCAR INC, US
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[51] **Int.Cl. F03D 9/00 (2006.01) F03D 11/00 (2006.01)**
[25] EN
[54] **WIND ENERGY INSTALLATION AND METHOD FOR OPERATING A WIND ENERGY INSTALLATION WITH TEMPERATURE MONITORING FOR THE TRANSFORMER**
[54] **EOLIENNE ET PROCEDE POUR FAIRE FONCTIONNER UNE EOLIENNE DOTEE D'UN SYSTEME DE SURVEILLANCE DE LA TEMPERATURE DU TRANSFORMATEUR**
[72] MATZEN, BJOERN, DE
[72] NIETMANN, LARS, DE
[72] BOETTGER, JAN, DE
[72] SCHLURICKE, SEBASTIAN, DE
[73] SENVION SE, DE
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[54] **LIQUID PHENOL RESIN AND METHOD OF PREPARING THE SAME**
[54] **RESINE PHENOLIQUE LIQUIDE ET SON PROCEDE DE PRODUCTION**
[72] SUZUKI, YUJI, JP
[73] SUMITOMO BAKELITE CO., LTD., JP
[85] 2013-01-24
[86] 2011-07-22 (PCT/JP2011/066712)
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[51] **Int.Cl. A41D 31/02 (2006.01) A41H 43/00 (2006.01)**
[25] EN
[54] **COOLING FABRICS**
[54] **TISSUS DE REFROIDISSEMENT**
[72] ARAUJO, CHRISTOPHER, US
[72] BLACKFORD, MICHAEL WOODY E., US
[73] COLUMBIA SPORTSWEAR NORTH AMERICA, INC., US
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[51] **Int.Cl. B64C 13/50 (2006.01) B64C 13/16 (2006.01)**
[25] FR
[54] **SYSTEM FOR MOTORIZED DISPLACEMENT OF A MOBILE ELEMENT, METHOD OF DRIVING SUCH A SYSTEM AND METHOD OF TESTING SUCH A SYSTEM**
[54] **SYSTEME DE DEPLACEMENT MOTORISE D'UN ELEMENT MOBILE, PROCEDE DE PILOTAGE D'UN TEL SYSTEME ET PROCEDE DE TEST D'UN TEL SYSTEME**
[72] BONNY, FRANCK, FR
[73] SAGEM DEFENSE SECURITE, FR
[85] 2013-04-04
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[51] **Int.Cl. H04N 19/184 (2014.01) H04N 19/159 (2014.01) H04N 19/30 (2014.01) H04N 19/96 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ENCODING AND DECODING VIDEO USING INFORMATION ABOUT THE MAXIMUM SIZE OF A CODING UNIT**
[54] **PROCEDE ET APPAREIL DE CODAGE ET DE DECODAGE VIDEO A L'AIDE D'INFORMATIONS RELATIVES A LA TAILLE MAXIMALE D'UNE UNITE DE CODAGE**
[72] CHEN, JIANLE, KR
[72] CHEON, MIN-SU, KR
[72] LEE, JAE-CHOOL, KR
[72] MIN, JUNG-HYE, KR
[72] JUNG, HAE-KYUNG, KR
[72] KIM, IL-KOO, KR
[72] LEE, SANG-RAE, KR
[72] LEE, KYO-HYUK, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[25] EN
[54] **CONTINUOUSLY VARIABLE TRANSMISSION**
[54] **TRANSMISSION A VARIATION CONTINUE**
[72] SMITHSON, ROBERT A., US
[72] POHL, BRAD P., US
[72] ARMSTRONG, ORONDE J., US
[72] MILLER, DONALD C., US
[72] DAWE, DANIEL J., US
[72] THOMASSY, FERNAND A., US
[72] SIMISTER, MATTHEW P., US
[72] POTH, WESLEY R., US
[72] LOHR, CHARLES B., US
[72] NICHOLS, JON M., US
[73] FALLBROOK INTELLECTUAL PROPERTY COMPANY LLC, US
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[51] **Int.Cl. H04N 19/61 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ENCODING AND DECODING IMAGE BY USING LARGE TRANSFORMATION UNIT**
[54] **PROCEDE ET APPAREIL DE CODAGE ET DE DECODAGE D'IMAGE A L'AIDE D'UNE UNITE DE TRANSFORMATION DE GRANDE DIMENSION**
[72] LEE, TAMMY, KR
[72] HAN, WOO-JIN, KR
[72] CHEN, JIANLE, KR
[72] JUNG, HAE-KYUNG, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2815777)
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[54] **MAGNETIC RANGING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE REPERAGE MAGNETIQUE**
[72] WISLER, MACMILLAN M., US
[72] AIELLO, ROBERT A., US
[72] BINFORD, TOMMY L., JR., US
[72] COLLINS, HARRY MITCHELL, US
[72] ELMORE, JAMES DOUGLAS, US
[72] MARTIN, JOHN D., US
[73] PRECISION ENERGY SERVICES, INC., US
[86] (2815877)
[87] (2815877)
[22] 2011-03-17
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[25] EN
[54] **SEPARATION OF TRIAZINE DERIVATIVES ENANTIOMERS USING TARTARIC ACID**
[54] **SEPARATION DES ENANTIOMERES DE DERIVES DE TRIAZINE EN UTILISANT L'ACIDE TARTRIQUE**
[72] CRAVO, DANIEL, FR
[72] HELMREICH, MATTHIAS, DE
[73] POXEL, FR
[85] 2013-04-26
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[25] EN
[54] **SHOULDER RING INSTALLATION TOOLS**
[54] **OUTIL DE POMPE DE BAGUE D'EPAULEMENT**
[72] SLACK, MAURICE WILLIAM, CA
[73] NOETIC TECHNOLOGIES INC., CA
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[25] EN
[54] **REAGENT PREPARATION AND DISPENSING DEVICE**
[54] **PREPARATION DE REACTIF ET DISPOSITIF DE DISTRIBUTION**
[72] PEARCY, TIMOTHY, US
[72] SKAKOON, JAMES G., US
[73] BIOLYPH, LLC, US
[85] 2013-05-06
[86] 2010-11-18 (PCT/US2010/057238)
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[51] **Int.Cl. H04B 10/80 (2013.01) H04B 10/27 (2013.01) H04L 12/721 (2013.01) H04L 12/24 (2006.01) H04B 10/29 (2013.01)**
[25] EN
[54] **OPTICAL NODE DEVICE, NETWORK CONTROL DEVICE, MAINTENANCE-STAFF DEVICE, OPTICAL NETWORK, AND 3R RELAY IMPLEMENTATION NODE DECISION METHOD**
[54] **DISPOSITIF DE NOEUD OPTIQUE, DISPOSITIF DE COMMANDE DE RESEAU, DISPOSITIF ASSOCIE A DU PERSONNEL D'ENTRETIEN, RESEAU OPTIQUE ET PROCEDE DE DECISION ASSOCIE AU NOEUD DE MISE EN SERVICE D'UN RELAIS 3R**
[72] OKI, EIJI, JP
[72] MISAWA, AKIRA, JP
[72] KATAYAMA, MASARU, JP
[72] OKAMOTO, SATORU, JP
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[86] (2818683)
[87] (2818683)
[22] 2004-03-12
[62] 2,501,888
[30] JP (2003-69216) 2003-03-14
[30] JP (2003-69223) 2003-03-14
[30] JP (2003-69233) 2003-03-14
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[13] C
[51] **Int.Cl. H04B 10/27 (2013.01) H04B 10/2507 (2013.01)**
[25] EN
[54] **OPTICAL NODE DEVICE, NETWORK CONTROL DEVICE, MAINTENANCE-STAFF DEVICE, OPTICAL NETWORK, AND 3R RELAY IMPLEMENTATION NODE DECISION METHOD**
[54] **DISPOSITIF DE NOEUD OPTIQUE, DISPOSITIF DE COMMANDE DE RESEAU, DISPOSITIF ASSOCIE A DU PERSONNEL D'ENTRETIEN, RESEAU OPTIQUE ET PROCEDE DE DECISION ASSOCIE AU NOEUD DE MISE EN SERVICE D'UN RELAIS 3R**
[72] OKI, EIJI, JP
[72] MISAWA, AKIRA, JP
[72] KATAYAMA, MASARU, JP
[72] OKAMOTO, SATORU, JP
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[86] (2818959)
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[54] **PROCEDE ET APPAREIL POUR REPARER LA PAROI D'UN TROU D'HOMME**
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[54] **EMETTEUR DE MESURE SANS FIL A MODULE REMPLACABLE**
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[54] **PROCEDE ET DISPOSITIF POUR LA CONVERSION DE TETRACHLORURE DE SILICIUM EN TRICHLOROSILANE**
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[54] **SYSTEME D'AIDE AUDITIVE BINAURAL ET PROCEDE DE FOURNITURE DE SENSATIONS BINAURALES DE BATTEMENTS**
[72] THIEDE, THILO VOLKER, DK
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[54] **COMBINAISON DE R, R-GLYCOPYRROLATE, FORMOTEROLE ET D'UN GLUCOCORTICOIDE POUR LE TRAITEMENT DE MALADIES INFLAMMATOIRES**
[72] MAUS, JOACHIM, DE
[72] KASTRUP, HORST, DE
[72] BAUHOFER, ARTUR, DE
[72] CNOTA, PETER, DE
[72] SZELENYI, ISTVAN, DE
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[54] **MATERIAUX DESINFECTANTS ET PROCEDES**
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[54] **ELECTRODE A COURANT ELEVE POUR CHALUMEAU A ARC DE PLASMA**
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[54] **MODELE AMELIORE DE PURIFICATEUR D'AIR A MILIEU POLARISE PAR CHAMP ACTIF**
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[54] **SYSTEME DE TRANSMISSION DE PRISE DE FORCE DANS UN VEHICULE AGRICOLE OU INDUSTRIEL ET SON PROCEDE DE FONCTIONNEMENT**
[72] HUBER, CHRISTIAN, AT
[72] MORSELLI, RICCARDO, IT
[72] POSSELIUS, JOHN H., US
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[54] **SYSTEME SONORE ET PROCEDE DE REPRODUCTION SONORE**
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[54] **SYSTEME ET PROCEDE DE MESURE STEREOSCOPIQUE**
[72] REDDEN, WARREN, US
[72] STEVENS, GEORGE B., US
[72] CLENDENING, GRADY A., US
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[54] **APPAREIL ET PROCEDE SERVANT A FABRIQUER DES STORES A ENROULEMENT AUTOMATIQUE FILTRANTS LEGERS**
[72] NG, PHILIP, CA
[73] ZMC METAL COATING INC., CA
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[54] **ATTRIBUTION DYNAMIQUE D'ETIQUETTES POUR LA CREATION DE MODELES LOGIQUES ET L'OPTIMISATION DE LA MISE EN CACHE DANS LES SYSTEMES DE GESTION D'ENERGIE**
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[72] REINHART, BRIAN, US
[73] HUNT ENERGY IQ, LP, US
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[72] COLEMAN, TIMOTHY S., CA
[73] WESTPORT POWER INC., CA
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[54] **AN EXIT ASSEMBLY HAVING A FLUID DIVERTER THAT DISPLACES THE PATHWAY OF A FLUID INTO TWO OR MORE PATHWAYS**
[54] **ENSEMBLE DE SORTIE AYANT UN ORGANE DE DETOURNEMENT DE FLUIDE QUI DEPLACE LE CHEMIN D'UN FLUIDE VERS DEUX CHEMINS OU PLUS**
[72] DYKSTRA, JASON D., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **PROCEDE DE PRODUCTION DE RESINE DE CHLORURE DE VINYLE CHLOREE**
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[72] OHASHI, TOSHIAKI, JP
[73] KANEKA CORPORATION, JP
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[54] **DETECTION ET CORRECTION D'ECOULEMENT INVOLONTAIRE DE FLUIDE ENTRE ZONES SOUTERRAINES**
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[72] MCCOLPIN, GLENN R., US
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[72] SAMSON, ETIENNE M., US
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[54] **BIOMASS PROCESSING SYSTEM, SACCHARIDE SOLUTION PRODUCTION METHOD USING BIOMASS FEEDSTOCK, ALCOHOL PRODUCTION METHOD**
[54] **SYSTEME DE TRAITEMENT DE BIOMASSE, PROCEDE DE PRODUCTION D'UNE SOLUTION DE SUCRE UTILISANT LE MATERIAU DE DEPART DE TYPE BIOMASSE, ET PROCEDE DE PRODUCTION D'ALCOOL**
[72] GENTA, MINORU, JP
[72] TERAKURA, SEIICHI, JP
[72] SUZUKI, HIDEO, JP
[72] KUROMI, YOSHIO, JP
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[54] **NETWORK ACCESS MANAGEMENT VIA A SECONDARY COMMUNICATION CHANNEL**
[54] **GESTION D'ACCES RESEAU PAR L'INTERMEDIAIRE D'UN CANAL DE COMMUNICATION SECONDAIRE**
[72] SCHWEITZER, EDMUND O., US
[72] WHITEHEAD, DAVID E., US
[72] WEBER, MARK, US
[72] SMITH, RHETT, US
[73] SCHWEITZER ENGINEERING LABORATORIES, INC., US
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[54] **SYSTEME DE REGLAGE DE CLASSEMENT DE VOLUME DE LIVRAISONS**
[72] WADA, SHINJI, JP
[72] DEKAMO, SHINGO, JP
[73] NIPPON GAS CO., LTD., JP
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[54] **PROCEDE DE GESTION DE ZONE DE LIVRAISON**
[72] WADA, SHINJI, JP
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[54] **SYSTEME DE CONNEXION DE CABLE**
[72] ZILLINGER, FRIEDRICH, CA
[72] DOERKSEN, CEDRIC, CA
[71] GEO PRESSURE SYSTEMS INC., CA
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[54] **DISPOSITIF DE SERRAGE DE TUYAU**
[72] CHANG, KYUNG KUN K. K. C., CA
[71] CHANG, KYUNG KUN K. K. C., CA
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[54] **ENSEMBLE DE PATISSERIE POUR BISCUITS AUX NOIX DE GRENOBLE**
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[25] FR
[54] **ORTHOPEDIC COMPRESSION SUPPORT, INCREASING THE TRANSMISSION OF OXYGEN AND REDUCING THE ACCUMULATION OF LACTIC ACID**
[54] **SUPPORT ORTHOPEDIQUE A COMPRESSION AUGMENTANT LA TRANSMISSION D'OXYGENE ET REDUISANT L'ACCUMULATION D'ACIDE LACTIQUE**
[72] INCONNUE, ZZ
[71] 7981023 CANADA INC., CA
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[54] **PROCEDE POUR TRAITER DES FLUIDES CONTAMINES PAR DU H2S OU DES MERCAPTANS**
[72] WAHL, DOUGLAS, CA
[71] BIG BEAR ENERGY RENTALS LTD, CA
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[54] **CORRECTION DE PUISSANCE ACCUMULEE DANS DES COMPTEURS DE SERVICE PUBLIC**
[72] FAHRENBRUCH, JOHN KIRK, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **SYSTEMES ET PROCEDES POUR COMPENSATION DE TEMPERATURE DANS UN COMPTEUR DE SERVICE PUBLIC**
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[54] **ARSENIC SORPTION WITH MODIFIED FEATHER KERATIN**
[54] **SORPTION D'ARSENIC AVEC KERATINE DE PLUME MODIFIEE**
[72] ULLAH, AMAN, CA
[72] KHOSA, MUHAMMAD A., CA
[72] WU, JIANPING, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
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[54] **GAS SENSOR**
[54] **CAPTEUR DE GAZ**
[72] GUNTHORPE, GARY E., CA
[71] GUNTHORPE, GARY E., CA
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[54] **OFF-LEASH ANIMAL AUTHORIZATION METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME D'AUTORISATION POUR ANIMAL SANS LAISSE**
[72] YOON, SEBASTIAN, CA
[71] YOON, SEBASTIAN, CA
[22] 2013-10-17
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[54] **EARTH DRILLING APPARATUS**
[54] **APPAREIL DE FORAGE DU SOL**
[72] WALDNER, CAMERON, CA
[71] WALDNER, CAMERON, CA
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[51] **Int.Cl. A01F 25/16 (2006.01) A01F 25/18 (2006.01) A01F 25/20 (2006.01)**
[25] EN
[54] **GRANULAR MATERIAL STORAGE WITH INPUT AND OUTPUT**
[54] **STOCKAGE DE MATERIAU GRANULAIRE AVEC ENTREE ET SORTIE**
[72] HERMAN, ALVIN, CA
[72] HERMAN, ERIN, CA
[71] QUICKTHREE SOLUTIONS INC., CA
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[51] **Int.Cl. H04W 84/18 (2009.01) H04W 12/02 (2009.01) H04W 24/00 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR UTILITY METER ACTIVATION**
[54] **SYSTEME ET PROCEDE POUR ACTIVATION DE COMPTEUR DE SERVICE PUBLIC**
[72] BHARAT, BRUCE, US
[72] YASKO, CHRISTOPHER CHARLES, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **BIDET/TOILET SPRAY FAUCET**
[54] **ROBINET A PULVERISATEUR POUR BIDET/TOILETTE**
[72] POOLI, NASSER, CA
[72] POOLI, MASOOD, CA
[71] POOLI, NASSER, CA
[71] POOLI, MASOOD, CA
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[54] **LEAKAGE DETECTION IN AN ALL-DIGITAL CABLE DISTRIBUTION NETWORK**
[54] **DETECTION DE FUITE DANS UN RESEAU DE DISTRIBUTION DE CABLE ENTIEREMENT NUMERIQUE**
[72] BOUCHARD, MAGELLA, CA
[71] EFFIGIS GEO SOLUTIONS, CA
[22] 2013-10-16
[41] 2015-04-16
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[25] EN
[54] **PLUS-FRACTION CORRECTIONS FOR HEAVY HYDROCARBON LIQUIDS**
[54] **CORRECTIONS DE FRACTION PLUS POUR LIQUIDES D'HYDROCARBURES LOURDS**
[72] THOMAS, F. BRENT, CA
[72] HU, YUNFENG Y., CA
[71] WEATHERFORD LABORATORIES (CANADA) LTD., CA
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[54] **FURNACE EXHAUST HEAT RECOVERY SYSTEM**
[54] **SYSTEME DE RECUPERATION DE CHALEUR D'ECHAPPEMENT D'APPAREIL DE CHAUFFAGE**
[72] HARINA, BENJAMIN ARQUIZA, CA
[71] HARINA, BENJAMIN ARQUIZA, CA
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[25] EN
[54] **BOOKBINDING BY INSERTING A HELICAL PLASTIC COIL INTO THE ALIGNED HOLES AT THE EDGE OF THE BOOK**
[54] **RELIURE REALISEE EN INSERANT UN SERPENTIN EN PLASTIQUE DANS LES TROUS ALIGNES AU BORD DU LIVRE**
[72] KLASSEN, WALTER D., CA
[72] DESJARLAIS, MATTHEW G., CA
[71] GATEWAY BOOKBINDING SYSTEMS LTD., CA
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[25] EN
[54] **INTRAOCULAR DRUG DELIVERY DEVICE AND ASSOCIATED METHODS**
[54] **DISPOSITIF D'ADMINISTRATION INTRAOCULAIRE DE MEDICAMENT ET PROCEDES ASSOCIES**
[72] AMBATI, BALAMURALI K., US
[72] GALE, BRUCE C., US
[72] CHENNAMANENI, SRINIVAS RAO, US
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
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[54] **TREATMENT OF CANCERS WITH MICRO-RNA INHIBITORS**
[54] **TRAITEMENT DE CANCERS AVEC DES INHIBITEURS DE MICRO-ARN**
[72] PANDOLFI, PIER PAOLO, US
[72] SONG, SUJUNG, US
[71] BETH ISRAEL DEACONESS MEDICAL CENTER, INC., US
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[54] **BED BUG HEAT TREATMENT BAY**
[54] **BAIE DE TRAITEMENT THERMIQUE DES PUNAISES DES LITS**
[72] UNKNOWN, ZZ
[71] DOBSON, TERENCE W., CA
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[54] **ACID AND ALKALI RESISTANT NI-CR-MO-CU ALLOYS WITH CRITICAL CONTENTS OF CHROMIUM AND COPPER**
[54] **ALLIAGES NI-CR-MO-CU RESISTANTS AUX ACIDES ET ALCALINS DOTES DE CONTENUS CRITIQUES DE CHROME ET DE CUIVRE**
[72] DEODESHMUKH, VINAY P., US
[72] CROOK, PAUL, US
[71] HAYNES INTERNATIONAL, INC., US
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[25] EN
[54] **METHOD AND SYSTEM FOR CONTROLLING TORQUE IN AN ELECTRIC DRIVE POWERTRAIN**
[54] **PROCEDE ET SYSTEME POUR COMMANDER LE COUPLE DANS UN GROUPE MOTOPROPULSEUR A ENTRAINEMENT ELECTRIQUE**
[72] FLEEGE, TRENT A., US
[72] WORLEY, STACY K., US
[72] VILAR, ERIC, US
[71] DEERE & COMPANY, US
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[41] 2015-04-14
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[51] **Int.Cl. C07D 403/06 (2006.01) A61K 31/4045 (2006.01)**
[25] EN
[54] **AN ASCORBIC ACID SALT OF SUNITINIB**
[54] **SEL DE SUNITINIB D'ACIDE ASCORBIQUE**
[72] MATTA, HARI BABU, IN
[72] KHANNA, MAHAVIR SINGH, IN
[72] PRASAD, MOHAN, IN
[71] MATTA, HARI BABU, IN
[71] KHANNA, MAHAVIR SINGH, IN
[71] PRASAD, MOHAN, IN
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[25] EN
[54] **PURE CRYSTALLINE FORM II OF L-MALIC ACID SALT OF SUNITINIB AND PROCESSES FOR ITS PREPARATION**
[54] **FORME CRISTALLINE PURE II DE SEL D'ACIDE L-MALIQUE DE SUNITINIB ET PROCEDE POUR SA PREPARATION**
[72] MATTA, HARI BABU, IN
[72] KHANNA, MAHAVIR SINGH, IN
[72] PRASAD, MOHAN, IN
[71] MATTA, HARI BABU, IN
[71] KHANNA, MAHAVIR SINGH, IN
[71] PRASAD, MOHAN, IN
[22] 2014-01-06
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[25] EN
[54] **MANAGING THE MANUFACTURING LIFECYCLE OF FASTENERS OF A PRODUCT**
[54] **GESTION DU CYCLE DE VIE DE FABRICATION DES PIECES DE FIXATION D~UN PRODUIT**
[72] RUDNICK, FREDRICK C., III, US
[72] CARPENTER, CHRISTOPHER L., US
[72] WILLIAMS, ANTHONY J., US
[71] THE BOEING COMPANY, US
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[51] **Int.Cl. F27D 11/08 (2006.01)**
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[54] **METHOD AND APPARATUS FOR ELECTRIC ARC FURNACE TEEMING**
[54] **PROCEDE ET APPAREIL POUR COULEE DE FOUR A ARC ELECTRIQUE**
[72] GULIANA, JOHN A., US
[72] BRADA, GUY, A., US
[72] ERICKSEN, CHRISTIAN H., US
[72] LIIMATAINEN, BRUCE C., US
[72] UNDERYS, ALGIRDAS A., US
[71] A. FINKL & SONS CO., US
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[51] **Int.Cl. F16D 1/06 (2006.01) F01D 5/02 (2006.01)**
[25] EN
[54] **FASTENING SYSTEM FOR ROTOR HUBS**
[54] **SYSTEME DE FIXATION POUR MOYEUX DE ROTOR**
[72] BOUCHARD, GUY, CA
[72] GEKHT, EUGENE, CA
[72] MILLS, DANNY, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2014-07-24
[41] 2015-04-17
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[51] **Int.Cl. B64C 21/02 (2006.01) F15D 1/10 (2006.01) F15D 1/12 (2006.01)**
[25] EN
[54] **SYNTHETIC JET MUFFLER**
[54] **AMORTISSEUR DE JET SYNTHETIQUE**
[72] GRIFFIN, STEVEN F., US
[71] THE BOEING COMPANY, US
[22] 2014-08-12
[41] 2015-04-16
[30] US (14/055,560) 2013-10-16

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[51] **Int.Cl. F15D 1/08 (2006.01) G05D 7/06 (2006.01)**
[25] EN
[54] **FREQUENCY RESPONSE AND HEALTH TRACKER FOR A SYNTHETIC JET GENERATOR**
[54] **REPONSE EN FREQUENCE ET INDICATEUR DE SANTE POUR UN GENERATEUR DE JET SYNTHETIQUE**
[72] GRIFFIN, STEVEN F., US
[71] THE BOEING COMPANY, US
[22] 2014-08-12
[41] 2015-04-16
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[51] **Int.Cl. D21C 3/26 (2006.01)**
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[54] **DISSOLVING PULP AND A METHOD FOR PRODUCTION THEREOF**
[54] **PATE POUR DISSOLUTION ET SON PROCEDE DE PRODUCTION**
[72] NI, YONGHAO, CA
[72] STAVIK, JAROSLAV, CA
[72] HE, ZHIBIN, CA
[71] UNIVERSITY OF NEW BRUNSWICK, CA
[22] 2014-08-08
[41] 2015-04-18
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[51] **Int.Cl. F23R 3/00 (2006.01) F02C 3/14 (2006.01)**
[25] EN
[54] **COMBUSTOR FOR GAS TURBINE ENGINE**
[54] **CHAMBRE DE COMBUSTION POUR TURBINE A GAZ**
[72] PROCIW, LEV ALEXANDER, CA
[72] SUSSMAN, DARIEN, CA
[72] MORENKO, OLEG, CA
[71] PRATT & WHITNEY CANADA CORP., CA
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[51] **Int.Cl. B64C 13/02 (2006.01) B64C 3/56 (2006.01) B64C 13/00 (2006.01)**
[25] EN
[54] **WINGTIP CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE BOUT D'AILE**
[72] THOREEN, ADAM MARSHALL, US
[72] BAER, JOSHUA JAY, US
[72] SIKORA, JOSEPH ADAM, US
[72] LASSEN, MATTHEW AUGUST, US
[72] FOSTER, MICHAEL EDWIN, US
[72] GALLAGHER, TIMOTHY PATRICK, JR., US
[71] THE BOEING COMPANY, US
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[51] **Int.Cl. G01M 17/00 (2006.01) G01H 17/00 (2006.01)**
[25] EN
[54] **VARIABLE APERTURE PHASED ARRAY INCORPORATING VEHICLE SWARM**
[54] **ESSAIM DE VEHICULES COMPORTANT DES ANTENNES RESEAU A COMMANDE DE PHASE A OUVERTURE VARIABLE**
[72] BRUSNIAK, LEON, US
[72] UNDERBRINK, JAMES R., US
[71] THE BOEING COMPANY, US
[22] 2014-08-21
[41] 2015-04-18
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[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/00 (2006.01) A61B 17/115 (2006.01)**
[25] EN
[54] **CHIP ASSEMBLY FOR SURGICAL INSTRUMENTS**
[54] **ASSEMBLAGE DE PUCE POUR INSTRUMENTS CHIRURGICAUX**
[72] WILLIAMS, JUSTIN, US
[71] COVIDIEN LP, US
[22] 2014-08-28
[41] 2015-04-17
[30] US (14/056,301) 2013-10-17

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[51] **Int.Cl. A61B 18/12 (2006.01) H02M 5/10 (2006.01)**
[25] EN
[54] **RESONANT INVERTER**
[54] **INVERSEUR A RESONANCE**
[72] JOHNSON, JOSHUA H., US
[72] GILBERT, JAMES A., US
[71] COVIDIEN LP, US
[22] 2014-08-28
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[30] US (61/891,811) 2013-10-16
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[25] EN
[54] **INTERNALLY SEALABLE WIRE**
[54] **FIL OBTURABLE DE L'INTERIEUR**
[72] COSTANZO, JOSEPH, US
[71] COVIDIEN LP, US
[22] 2014-08-29
[41] 2015-04-18
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[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/072 (2006.01)**
[25] EN
[54] **SURGICAL INSTRUMENT, LOADING UNIT AND FASTENERS FOR USE THEREWITH**
[54] **INSTRUMENT CHIRURGICAL, UNITE DE CHARGEMENT ET PIECES DE FIXATION A UTILISER AVEC CEUX-CI**
[72] ESTRELLA, RUSSELL, US
[71] COVIDIEN LP, US
[22] 2014-08-29
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[51] **Int.Cl. C25D 3/06 (2006.01)**
[25] EN
[54] **CONTROLLED TRIVALENT CHROMIUM PRETREATMENT**
[54] **PRETRAITEMENT DE CHROME TRIVALENT CONTROLE**
[72] DARDONA, SAMEH, US
[72] JAWOROWSKI, MARK R., US
[72] BURLATSKY, SERGEI F., US
[72] NOVIKOV, DMITRI, US
[72] CHEN, LEI, US
[71] HAMILTON SUNDSTRAND CORPORATION, US
[22] 2014-08-26
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[51] **Int.Cl. G01R 31/36 (2006.01)**
[25] EN
[54] **OPEN-CIRCUIT VOLTAGE ESTIMATION DEVICE, POWER STORAGE APPARATUS, AND OPEN-CIRCUIT VOLTAGE ESTIMATION METHOD**
[54] **DISPOSITIF D'ESTIMATION DE TENSION EN CIRCUIT OUVERT, APPAREIL DE STOCKAGE D'ELECTRICITE ET METHODE D'ESTIMATION DE TENSION EN CIRCUIT OUVERT**
[72] UCHINO, MANABU, JP
[71] SONY CORPORATION, JP
[22] 2014-09-03
[41] 2015-04-17
[30] JP (2013-216454) 2013-10-17

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[13] A1
[51] **Int.Cl. G08G 5/04 (2006.01) G08G 5/06 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR AVOIDING A COLLISION BETWEEN AN AIRCRAFT ON A GROUND SURFACE AND AN OBSTACLE**
[54] **PROCEDES ET SYSTEMES POUR EVITER UNE COLLISION ENTRE UN AERONEF AU SOL ET UN OBSTACLE**
[72] WISCHMEYER, CARL EDWARD, US
[71] GULFSTREAM AEROSPACE CORPORATION, US
[22] 2014-09-04
[41] 2015-04-14
[30] US (14/053,380) 2013-10-14

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[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/068 (2006.01) A61B 17/295 (2006.01) A61B 17/32 (2006.01)**
[25] EN
[54] **ADAPTER DIRECT DRIVE TWIST-LOCK RETENTION MECHANISM**
[54] **MECANISME ADAPTATEUR DE MAINTIEN A VERROU TOURNANT A ENTRAINEMENT DIRECT**
[72] RICHARD, PAUL D., US
[71] COVIDIEN LP, US
[22] 2014-09-08
[41] 2015-04-18
[30] US (61/892,682) 2013-10-18
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[51] **Int.Cl. C09D 5/18 (2006.01) B27K 3/40 (2006.01) C09D 7/12 (2006.01) C09D 133/00 (2006.01) C09K 21/12 (2006.01)**
[25] EN
[54] **WATER-RESISTANT AND FLAME-RESISTANT COMPOSITIONS**
[54] **COMPOSITIONS PYRORESISTANTES ET HYDRORESISTANTES**
[72] PARKER, ERIK M., US
[72] WINTEROWD, JACK G., US
[72] ROBAK, GLEN, US
[71] WEYERHAEUSER NR COMPANY, US
[22] 2014-09-05
[41] 2015-04-18
[30] US (14/057,723) 2013-10-18

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[51] **Int.Cl. C09D 5/02 (2006.01) C09D 7/12 (2006.01) C09D 15/00 (2006.01) C09D 109/08 (2006.01) C09D 133/00 (2006.01)**
[25] EN
[54] **COLORED WATER-REPELLANT AND CROCKING-RESISTANT COMPOSITIONS**
[54] **COMPOSITIONS COLOREES HYDROFUGES ET RESISTANTES AU DEGORGEMENT PAR FROTTEMENT**
[72] PARKER, ERIK M., US
[72] WINTEROWD, JACK G., US
[72] ROBAK, GLEN, US
[71] WEYERHAEUSER NR COMPANY, US
[22] 2014-09-05
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[51] **Int.Cl. F23D 14/14 (2006.01) F23D 14/46 (2006.01)**
[25] EN
[54] **GAS FIRED INFRARED BURNER WITH AUXILIARY FLAME ARRANGEMENT**
[54] **BRULEUR A GAZ A INFRAROUGE AVEC AGENCEMENT DE FLAMMES AUXILIAIRES**
[72] GULKANAT, BEKTAS C., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2014-09-17
[41] 2015-04-14
[30] US (61/890,533) 2013-10-14
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[51] **Int.Cl. B41J 15/06 (2006.01) B65H 75/22 (2006.01) B65H 75/24 (2006.01)**
[25] EN
[54] **EASY LOAD PRINTER MEDIA SPINDLE**
[54] **AXE MULTIMEDIA D'IMPRIMANTE A CHARGEMENT FACILE**
[72] ERICKSON, MATTHEW RAYMOND, US
[72] SPROAL, DOUGLAS J., US
[71] COBRA SYSTEMS, INC., US
[22] 2014-09-16
[41] 2015-04-14
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[25] EN
[54] **METHODS, SYSTEMS, AND DEVICES TO REDUCE AUDIO TRUNCATION DURING TRANSCODING**
[54] **PROCEDES, SYSTEMES ET DISPOSITIFS POUR REDUIRE LA TRONCATION AUDIO DURANT LE TRANSCODAGE**
[72] KAPOOR, ANUJ, US
[72] MCDONALD, DANIEL J., US
[72] NATARAJAN, HARISH, US
[72] YANG, YUNHAI, US
[71] MOTOROLA SOLUTIONS, INC., US
[22] 2014-09-22
[41] 2015-04-17
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[54] **BUILDING AUTOMATION SYSTEMS WITH VOICE CONTROL**
[54] **SYSTEMES IMMOTIQUES A COMMANDE VOCALE**
[72] OH, ERIC, US
[72] ADDY, KENNETH L., US
[72] ZAKREWSKI, DAVID S., US
[71] HONEYWELL INTERNATIONAL INC., US
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[54] **LOW-PROFILE RING BINDER MECHANISM**
[54] **MECANISME POUR CLASSEUR A PROFIL BAS**
[72] TO, CHUN YUEN, CN
[71] WORLD WIDE STATIONERY MANUFACTURING CO., LIMITED, CN
[22] 2014-09-23
[41] 2015-04-15
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[54] **METHOD AND APPARATUS FOR ELECTRICAL GAP SETTING FOR A PIEZOELECTRIC PRESSURE SENSOR**
[54] **PROCEDE ET APPAREIL POUR REGLAGE D'ECARTEMENT ELECTRIQUE POUR UN CAPTEUR DE PRESSION PIEZOELECTRIQUE**
[72] HEPP, JOHN, US
[71] SERCEL INC., US
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[41] 2015-04-16
[30] US (14/054983) 2013-10-16
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[25] EN
[54] **APPARATUS AND METHOD FOR CLOSED-LOOP CONTROL OF CREPED TISSUE PAPER STRUCTURE**
[54] **APPAREIL ET PROCEDE POUR COMMANDE EN CIRCUIT FERME DE STRUCTURE DE PAPIER TISSU CREPE**
[72] PAAVOLA, ANTTI, US
[72] KELLOMAKI, MARKKU, US
[71] HONEYWELL INTERNATIONAL INC., US
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[41] 2015-04-17
[30] US (61/892,252) 2013-10-17
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[25] EN
[54] **APPARATUS AND METHOD FOR CHARACTERIZING TEXTURE**
[54] **APPAREIL ET PROCEDE POUR CARACTERISER UNE TEXTURE**
[72] KELLOMAKI, MARKKU, US
[71] HONEYWELL INTERNATIONAL INC., US
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[41] 2015-04-17
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[25] EN
[54] **APPARATUS AND METHOD FOR MEASURING CALIPER OF CREPED TISSUE PAPER**
[54] **APPAREIL ET PROCEDE POUR MESURER L'EPAISSEUR DU PAPIER TISSU CREPE**
[72] KELLOMAKI, MARKKU, US
[72] PAAVOLA, ANTTI, US
[71] HONEYWELL INTERNATIONAL INC., US
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[41] 2015-04-17
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[25] EN
[54] **SYSTEMS AND METHODS FOR PRODUCING FERMENTED MILK REPLACER AND METHODS OF FEEDING SAME TO ANIMALS**
[54] **SYSTEMES ET PROCEDES POUR PRODUIRE UNE COMPOSITION DE REMPLACEMENT DE LAIT FERMENTE ET PROCEDES POUR EN ALIMENTER LES ANIMAUX**
[72] MILLER, BILL L., US
[72] MUSSER, ROBERT C., US
[71] PURINA ANIMAL NUTRITION LLC, US
[22] 2014-09-26
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[54] **FACILITY FOR ACQUIRING PHOTOGRAPHIC PORTRAITS**
[54] **INSTALLATION POUR L'ACQUISITION DE PORTRAITS PHOTOGRAPHIQUES**
[72] CRASNIANSKI, SERGE, CH
[72] CROLL, CHRISTIAN, FR
[71] PHOTO-ME INTERNATIONAL PLC, GB
[22] 2014-09-29
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[30] EP (13306405.5) 2013-10-14

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[25] EN
[54] **NITRILE RUBBERS HAVING LOW EMISSION VALUES**
[54] **CAOUTCHOUCS AU NITRILE AYANT DES VALEURS D'EMISSION FAIBLES**
[72] BRANDAU, SVEN, FR
[72] KAISER, ANDREAS, FR
[72] MAGG, HANS, DE
[72] WESTEPPE, UWE, FR
[71] LANXESS DEUTSCHLAND GMBH, DE
[22] 2014-10-06
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[25] FR
[54] **ANTI-REFREEZE DEVICE FOR AIRCRAFT BLADES**
[54] **DISPOSITIF ANTI-REGEL POUR PALES D'AERONEF**
[72] ARNAUD, GILLES, FR
[71] AIRBUS HELICOPTERS, FR
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[54] **DEBRIS VENT FOR A SAW BLADE HOUSING**
[54] **CONDUIT POUR DEBRIS POUR CARTER DE LAME DE SCIE**
[72] DISABATINO, BENJAMIN, CA
[72] JAMES, MICHAEL F., CA
[71] DEERE & COMPANY, US
[22] 2014-10-08
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[25] EN
[54] **HYDROCARBON PRODUCTION APPARATUS**
[54] **APPAREIL DE PRODUCTION D'HYDROCARBURES**
[72] CANAS, CHRISTIAN, CA
[72] GUPTA, SUBODH, CA
[72] GITTINS, SIMON, CA
[71] CENOVUS ENERGY INC., CA
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[25] EN
[54] **ELECTROSURGICAL ELECTRODE & INSTRUMENT**
[54] **ELECTRODE ET INSTRUMENT ELECTROCHIRUGICAL**
[72] BENN, CHRISTOHER CHARLES, GB
[71] GYRUS MEDICAL LIMITED, GB
[22] 2014-10-08
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[25] EN
[54] **PIEZOELECTRIC DAMPER SYSTEM FOR AN AXIAL TURBOMACHINE ROTOR**
[54] **SYSTEME AMORTISSEUR PIEZOELECTRIQUE POUR ROTOR DE TURBOMACHINE AXIALE**
[72] VIGUIE, REGIS, BE
[72] PREUMONT, ANDRE, BE
[72] BASTAITS, RENAUD, BE
[72] VERHELST, DAMIEN, BE
[72] MOKRANI, BILAL, BE
[71] TECHSPACE AERO S.A., BE
[71] UNIVERSITE LIBRE DE BRUXELLES, BE
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[25] EN
[54] **PERM SELECTIVE MEMBRANE FOR TREATING VASCULAR CALCIFICATION IN CHRONIC HEMODIALYSIS PATIENTS**
[54] **MEMBRANE PERMSELECTIVE POUR TRAITER LA CALCIFICATION VASCULAIRE CHEZ DES PATIENTS EN HEMODIALYSE CHRONIQUE**
[72] STORR, MARKUS, DE
[72] KRAUSE, BERND, DE
[72] SCHINDLER, RALF, DE
[72] ZICKLER, DANIEL, DE
[72] HEGNER, BJOERN, DE
[71] GAMBRO LUNDIA AB, SE
[71] CHARITE UNIVERSITATSMEDIZIN BERLIN, DE
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[54] **METHOD AND SYSTEM FOR VALIDATING MULTIPLE DOCUMENTS ASSOCIATED WITH A TRANSACTION**
[54] **PROCEDE ET SYSTEME POUR VALIDER DE MULTIPLES DOCUMENTS ASSOCIES A UNE TRANSACTION**
[72] MACZUSZENKO, ARTUR, CA
[72] JAIN, APARNA, CA
[72] BELL, LISA JANE, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2014-10-15
[41] 2015-04-15
[30] US (61/891,059) 2013-10-15
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[51] **Int.Cl. G06Q 40/02 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR VALIDATING MULTIPLE DOCUMENTS ASSOCIATED WITH A MORTGAGE APPLICATION**
[54] **PROCEDE ET SYSTEME POUR VALIDER DE MULTIPLES DOCUMENTS ASSOCIES A UNE DEMANDE DE PRET HYPOTHECAIRE**
[72] MACZUSZENKO, ARTUR, CA
[72] JAIN, APARNA, CA
[72] BELL, LISA JANE, CA
[71] THE TORONTO-DOMINION BANK, CA
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[54] **TURKEY DECOY APPARATUS**
[54] **APPEAU POUR DINDE**
[72] RUTLEDGE, DONALD J., US
[71] RUTLEDGE, DONALD J., US
[22] 2014-10-15
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[51] **Int.Cl. E04F 13/24 (2006.01) E04F 13/22 (2006.01) F16B 1/00 (2006.01)**
[25] EN
[54] **HIGH-STRENGTH VERTICALLY COMPRESSED VENEER TIE AND ANCHORING SYSTEMS UTILIZING THE SAME**
[54] **ATTACHE DE PLACAGE VERTICALEMENT COMPRIMEE HAUTE RESISTANCE ET SYSTEME D~ANCRAGE UTILISANT CELLE-CI**
[72] HOHMANN, RONALD P., JR., US
[71] MITEK HOLDINGS, INC., US
[22] 2014-10-14
[41] 2015-04-15
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[25] EN
[54] **HELMET SUSPENSION FIT SYSTEM**
[54] **SYSTEME D'AJUSTEMENT DE SUSPENSION DE CASQUE**
[72] BAYNE, TIMOTHY, CA
[71] BIOKINETICS & ASSOCIATES LTD., CA
[22] 2014-10-14
[41] 2015-04-15
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[51] **Int.Cl. A41C 3/00 (2006.01) A41C 5/00 (2006.01)**
[25] EN
[54] **GARMENT THAT CLINGS TO A WEARER'S SKIN AND METHOD OF MANUFACTURE THEREOF**
[54] **VETEMENT COLLANT A LA PEAU DE LA PERSONNE QUI LE PORTE ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] MARTINET, NATHALIE, HK
[72] VANSIA, MAYUR, US
[72] YIP, SUET HING, HK
[71] MAST INDUSTRIES (FAR EAST) LIMITED, HK
[22] 2014-10-08
[41] 2015-04-18
[30] US (61/892,678) 2013-10-18
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[54] **SPACE-BORNE ANTENNA SYSTEM**
[54] **SYSTEME D'ANTENNE SPATIALE EMBARQUEE**
[72] BRAUBACH, HARALD, DE
[71] AIRBUS DS GMBH, DE
[22] 2014-10-14
[41] 2015-04-16
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[25] EN
[54] **METHODS AND SYSTEMS FOR CONTROLLING AN ELECTRIC NETWORK**
[54] **PROCEDES ET SYSTEMES POUR COMMANDER UN RESEAU ELECTRIQUE**
[72] FISHER, RAYETTE ANN, US
[72] REN, WEI, US
[72] SATYA, MURALI MOHAN BAGGU DATTA VENKATA, US
[72] VIANA, FELIPE ANTONIO CHEGURY, US
[72] WALLING, REIGH ALLEN, US
[72] ANAPARTHI, KRISHNA KUMAR, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **RADIAL MAGNETIC BEARING AND METHOD OF MANUFACTURE**
[54] **PALIER RADIAL MAGNETIQUE ET PROCEDE DE FABRICATION**
[72] HAY, STEPHANE, FR
[72] SOULIER, NICHOLAS, FR
[71] SKF MAGNETIC MECHATRONICS, FR
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[30] EP (13 306 427.9) 2013-10-17

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[51] **Int.Cl. H02J 13/00 (2006.01) G06F 17/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ANALYZING OSCILLATORY STABILITY IN ELECTRICAL POWER TRANSMISSION SYSTEMS**
[54] **SYSTEME ET PROCEDE POUR ANALYSER LA STABILITE OSCILLATOIRE DANS DES SYSTEMES DE TRANSMISSION D~ENERGIE ELECTRIQUE**
[72] BAONE, CHAITANYA ASHOK, US
[72] CHAUDHURI, NILANJAN RAY, US
[72] ACHARYA, NARESH, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2014-10-09
[41] 2015-04-16
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[54] **METHOD OF IDENTIFICATION FROM A SPATIAL AND SPECTRAL OBJECT MODEL**
[54] **PROCEDE D'IDENTIFICATION A PARTIR D'UN MODELE D'OBJET SPATIAL ET SPECTRAL**
[72] BUEHLER, ERIC DANIEL, US
[72] OCCHIPINTI, BENJAMIN THOMAS, US
[72] KUCZYNSKI, KONRAD ROBERT, US
[72] SEBASTIAN, THOMAS BABY, US
[72] LASSINI, STEFANO ANGELO MARIO, US
[72] DEL AMO, ANA ISABEL, US
[72] KELLY, RICHARD SHAWN, US
[71] GE AVIATION SYSTEMS LLC, US
[22] 2014-10-09
[41] 2015-04-15
[30] US (14/054,742) 2013-10-15

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[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEMS AND USER INTERFACES FOR DYNAMIC AND INTERACTIVE SIMULTANEOUS QUERYING OF MULTIPLE DATA STORES**
[54] **SYSTEMES ET INTERFACES UTILISATEURS POUR REQUETES SIMULTANEES DYNAMIQUES ET INTERACTIVES AUPRES DE MULTIPLES MAGASINS DE DONNEES**
[72] SHANKAR, ANKIT, US
[72] ASH, ANDREW, US
[72] STOWE, GEOFF, US
[72] PETRACCA, THOMAS, US
[72] DUFFIELD, BENJAMIN, US
[71] PALANTIR TECHNOLOGIES, INC., US
[22] 2014-10-14
[41] 2015-04-18
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[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR IMPROVING RETAIL EFFICIENCY**
[54] **PROCEDES ET SYSTEMES POUR AMELIORER L'EFFICACITE DE LA VENTE AU DETAIL**
[72] SALATANDRE, EDGAR DAVIN, CA
[71] SALATANDRE, EDGAR DAVIN, CA
[22] 2014-10-15
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[54] **BALUSTER CONNECTOR**
[54] **RACCORD DE BALUSTRE**
[72] MILANOWSKI, DANIEL, US
[71] UNIVERSAL CONSUMER PRODUCTS, INC., US
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[54] **MATERIAL HANDLING UNIT**
[54] **UNITE DE MANIPULATION DE MARCHANDISES**
[72] RYAN, LAURIE SCOTT, CA
[71] LAURLEE ENERGY RENTALS LTD., CA
[22] 2014-10-15
[41] 2015-04-15
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[51] **Int.Cl. G02B 6/125 (2006.01) G01D 5/32 (2006.01)**
[25] EN
[54] **DUAL-ENDED OPTICAL FIBER PATHWAY**
[54] **PASSAGE DE FIBRE OPTIQUE A DEUX EXTREMITES**
[72] HINES, MICHAEL J., US
[72] LI, JIE, US
[72] SUN, XIAOGUANG, US
[72] HOKANSSON, ADAM, US
[72] BLAKLEY, ROBERT J., US
[72] MATTERN, ROBERT, JR., US
[71] OFS FITEL, LLC, US
[22] 2014-10-15
[41] 2015-04-17
[30] US (61/891,948) 2013-10-17
[30] US (14/231,000) 2014-03-31

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[13] A1
[51] **Int.Cl. B65G 47/56 (2006.01) B65G 15/00 (2006.01)**
[25] EN
[54] **ELEVATOR CONVEYOR BELT WITH ADJUSTABLE SLOPE**
[54] **COURROIE DE TRANSPORT ELEVATRICE A INCLINAISON REGLABLE**
[72] CRIBIU', LUCA, IT
[71] COSTRUZIONI MECCANICHE CRIZAF S.P.A., IT
[22] 2014-10-15
[41] 2015-04-15
[30] IT (MI2013A 001705) 2013-10-15

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[51] Int.Cl. H04B 3/54 (2006.01) H04W 84/22 (2009.01) H02J 7/00 (2006.01)
[25] EN
[54] POWER-OVER-ETHERNET POWERED UNIVERSAL SERIAL BUS CHARGING PORT
[54] PORT DE CHARGE DE BUS SERIE UNIVERSEL A ALIMENTATION ELECTRIQUE PAR CABLE ETHERNET
[72] LAUBY, WILLIAM J., US
[72] MOORE, RYAN, US
[72] LIPKE, DEAN S., US
[71] LEVITON MANUFACTURING CO., INC., US
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[41] 2015-04-16
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[25] EN
[54] METHOD AND APPARATUS FOR DISPLAYING A PREVIEW OF AN APPLICATION TO A USER
[54] PROCEDE ET APPAREIL POUR AFFICHER UN APERCU D'UNE APPLICATION POUR UN UTILISATEUR
[72] ENGSTROM, CHRISTOPHER, SE
[72] GARDENFORS, DAN ZACHARIAS, DE
[72] BROWN, DAVID ANDREW, CA
[71] BLACKBERRY LIMITED, CA
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[54] FILTRE ET PROCEDES DE FABRICATION DE CELUI-CI
[72] WALLNER, MICHAEL H., US
[71] WALLNER TOOLING/EXPAC, INC., US
[22] 2014-10-15
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[13] A1
[51] Int.Cl. B02C 4/08 (2006.01) B02C 4/28 (2006.01)
[25] EN
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[54] DISPOSITIF POUR TRAITER UN MATERIAU D'ENTREE S'ECOULANT LIBREMENT
[72] PALLMANN, HARTMUT, DE
[71] PALLMANN MASCHINENFABRIK GMBH & CO. KG, DE
[22] 2014-10-16
[41] 2015-04-16
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[51] Int.Cl. A47G 19/22 (2006.01) A47G 19/26 (2006.01) A61J 9/00 (2006.01)
[25] EN
[54] NON-SPILL DRINKING CONTAINER
[54] CONTENANT ANTI-DEBORDEMENT POUR BOISSON
[72] DUNN, STEVEN BRYAN, US
[72] HATHERILL, MARK A., US
[72] JOHNSON, KEVIN DOUGLAS, US
[72] SAXTON, MATTHEW JOSEPH, US
[71] MUNCHKIN, INC., US
[22] 2014-10-16
[41] 2015-04-16
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[30] US (62/000,887) 2014-05-20
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[51] Int.Cl. A61K 8/97 (2006.01) A61K 8/49 (2006.01) A61Q 19/08 (2006.01)
[25] EN
[54] COMPOSITIONS COMPRISING PAULOWNIA TOMENTOSA WOOD EXTRACTS AND USES THEREOF
[54] COMPOSITIONS COMPRENANT DES EXTRAITS DE BOIS DE PAULOWNIA TOMENTOSA ET LEURS UTILISATIONS
[72] KAUR, SIMARNA, US
[72] MAHMOOD, KHALID, US
[72] SALIOU, CLAUDE, US
[72] SOUTHALL, MICHAEL, US
[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US
[22] 2014-10-16
[41] 2015-04-17
[30] US (14/056,521) 2013-10-17

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[13] A1
[51] Int.Cl. F16K 31/122 (2006.01) F16K 5/06 (2006.01) F16K 5/08 (2006.01)
[25] EN
[54] PNEUMATIC CONTROL VALVE
[54] SOUPAPE DE COMMANDE PNEUMATIQUE
[72] BROMAN, NELSON, US
[71] PHD, INC., US
[22] 2014-10-15
[41] 2015-04-18
[30] US (61/892761) 2013-10-18

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[13] A1
[51] Int.Cl. C09K 3/18 (2006.01) C23F 11/12 (2006.01)
[25] EN
[54] A DEICING COMPOSITION AND METHODS OF MAKING THE SAME
[54] COMPOSITION DE DEGLACAGE ET PROCEDES DE FABRICATION DE CELLE-CI
[72] MANSBERY, DAVID L., US
[71] NATURE'S OWN SOURCE, LLC, US
[22] 2014-10-14
[41] 2015-04-18
[30] US (61/892,765) 2013-10-18
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[13] A1
[51] Int.Cl. B23D 37/00 (2006.01) B23D 41/00 (2006.01) E01B 31/06 (2006.01)
[25] EN
[54] FIELD-PORTABLE HOLE BROACHING MACHINES AND METHODS FOR USING THE SAME
[54] BROCHEUSE A TROU PORTABLE ET PROCEDES D'UTILISATION DE CELLE-CI
[72] KRUEGER, DARRELL ROBERT, US
[71] BNSF RAILWAY COMPANY, US
[22] 2014-10-16
[41] 2015-04-18
[30] US (61/892,732) 2013-10-18
[30] US (14/336,594) 2014-07-21

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[13] A1
[51] **Int.Cl. B01D 35/30 (2006.01)**
[25] EN
[54] **RAMPED FILTER VESSEL**
[54] **RECIPIENT DE FILTRE INCLINE**
[72] HARTOG, RONALD LEWIS, US
[71] PALL CORPORATION, US
[22] 2014-10-16
[41] 2015-04-18
[30] US (61/892,692) 2013-10-18

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[13] A1
[51] **Int.Cl. E21B 47/00 (2012.01) E21B 44/00 (2006.01)**
[25] EN
[54] **METHOD FOR ESTIMATING SLOWNESS, YOUNG'S MODULUS, POISSON'S RATIO, AND BRITTLENESS OF A HORIZONTAL DRILLING ZONE IN A SWEET SPOT RANGE AT A SHALE GAS PLAY BASED ON RESISTIVITY AND DENSITY LOGGING DATA AND METHOD FOR DETERMINING FRACKING INTERVALS OF A HORIZONTAL DRILLING ZONE IN A SWEET SPOT RANGE AT A SHALE GAS PLAY USING THE SAME**
[54] **PROCEDE PERMETTANT D'EVALUER LA LENTEUR, LE MODULE D'YOUNG, LE NOMBRE DE POISSON ET LA FRAGILITE D'UNE ZONE DE FORAGE HORIZONTALE DANS UNE PLAGE DE POINTS IDEAUX A UN OBJECTIF DE PROSPECTION DE GAZ DE SCHISTES BASE SUR LA RESISTIVITE ET DES DONNEES DE DIAGRAPHIE PAR NEUTRONS ET PROCEDE POUR DETERMINER DES INTERVALLES DE FRACTURATION D'UNE ZONE DE FORAGE HOR**
[72] HWANG, SE-HO, KR
[72] SHIN, JE-HYUN, KR
[72] JANG, SEONG HYUNG, KR
[71] KOREA INSTITUTE OF GEOSCIENCE AND MINERAL RESOURCES (KIGAM), KR
[22] 2014-10-14
[41] 2015-04-15
[30] KR (KR10-2013-0133209) 2013-10-15
[30] KR (KR10-2013-0122313) 2013-10-15

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[13] A1
[51] **Int.Cl. E21B 49/00 (2006.01) E21B 44/00 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **METHOD FOR ESTIMATING SLOWNESS, YOUNG'S MODULUS, POISSON'S RATIO, AND BRITTLENESS OF A HORIZONTAL DRILLING ZONE IN A SWEET SPOT RANGE AT A SHALE GAS PLAY BASED ON RESISTIVITY AND NEUTRON LOGGING DATA AND METHOD FOR DETERMINING FRACKING INTERVALS OF A HORIZONTAL DRILLING ZONE IN A SWEET SPOT RANGE AT A SHALE GAS PLAY USING THE SAME**
[54] **PROCEDE PERMETTANT D'EVALUER LA LENTEUR, LE MODULE D'YOUNG, LE NOMBRE DE POISSON ET LA FRAGILITE D'UNE ZONE DE FORAGE HORIZONTALE DANS UNE PLAGE DE POINTS IDEAUX A UN OBJECTIF DE PROSPECTION DE GAZ DE SCHISTES BASE SUR LA RESISTIVITE ET DES DONNEES DE DIAGRAPHIE PAR NEUTRONS ET PROCEDE POUR DETERMINER DES INTERVALLES DE FRACTURATION D'UNE ZONE DE FORAGE HOR**
[72] HWANG, SE-HO, KR
[72] SHIN, JE-HYUN, KR
[72] JANG, SEONG HYUNG, KR
[71] KOREA INSTITUTE OF GEOSCIENCE AND MINERAL RESOURCES (KIGAM), KR
[22] 2014-10-14
[41] 2015-04-15
[30] KR (KR10-2013-0122310) 2013-10-15
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[51] **Int.Cl. H04L 12/701 (2013.01) H04L 12/16 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **METHODS, DEVICES AND SYSTEMS FOR COORDINATING NETWORK-BASED COMMUNICATION IN DISTRIBUTED SERVER SYSTEMS WITH SDN SWITCHING**
[54] **PROCEDES, DISPOSITIFS ET SYSTEMES POUR COORDONNER UNE COMMUNICATION BASEE SUR UN RESEAU DANS DES SYSTEMES DE SERVEUR DISTRIBUES AVEC COMMUTATION SDN**
[72] WARFIELD, ANDREW, CA
[72] LEFEBVRE, GEOFFREY, CA
[72] CULLY, BRENDAN ANTHONY, CA
[72] STODDEN, DANIEL, CA
[71] COHO DATA INC., US
[22] 2014-10-14
[41] 2015-04-15
[30] US (61/891,176) 2013-10-15

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[51] **Int.Cl. G06F 12/02 (2006.01) G06F 15/16 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS AND DEVICES FOR IMPLEMENTING DATA MANAGEMENT IN A DISTRIBUTED DATA STORAGE SYSTEM**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS POUR METTRE EN OEUVRE LA GESTION DE DONEES DANS UN SYSTEME DE STOCKAGE DE DONNEES DISTRIBUEES**
[72] WARFIELD, ANDREW, CA
[72] WIRES, JACOB TAYLOR, CA
[72] INGRAM, STEPHEN FROWE, CA
[71] COHO DATA INC., US
[22] 2014-10-14
[41] 2015-04-15
[30] US (61/891,159) 2013-10-15

[21] 2,867,606
[13] A1
[51] **Int.Cl. B65F 1/16 (2006.01)**
[25] EN
[54] **REFUSE CONTAINER COVER**
[54] **COUVERCLE DE CONTENEUR DE DECHETS**
[72] KIRBY, KERRY J., CA
[71] KIRBY, KERRY J., CA
[22] 2014-10-17
[41] 2015-04-18
[30] US (61/892,653) 2013-10-18

[21] 2,867,676
[13] A1
[51] **Int.Cl. A01D 47/00 (2006.01) A01D 75/00 (2006.01)**
[25] EN
[54] **HEADER HEIGHT SENSOR**
[54] **CAPTEUR DE HAUTEUR D'UNE ECIMEUSE**
[72] PIERSON, JOSHUA R., US
[71] DEERE & COMPANY, US
[22] 2014-10-09
[41] 2015-04-15
[30] US (14/054,709) 2013-10-15

[21] 2,867,680
[13] A1
[51] **Int.Cl. B24B 13/01 (2006.01) G02B 1/04 (2006.01)**
[25] EN
[54] **TOOL FOR THE POLISHING MACHINING OF OPTICAL SURFACES**
[54] **OUTIL POUR USINAGE PAR POLISSAGE DE SURFACES OPTIQUES**
[72] NOWAK, GERD, DE
[72] MICHELS, GEORG, DE
[71] CARL ZEISS VISION INTERNATIONAL GMBH, DE
[22] 2014-10-14
[41] 2015-04-16
[30] DE (10 2013 220 973.8) 2013-10-16

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[13] A1
[51] **Int.Cl. E05B 65/46 (2006.01) B25H 3/02 (2006.01)**
[25] EN
[54] **DRAWER LATCH ASSEMBLY AND TOOLBOX ASSEMBLY**
[54] **VERROU POUR TIROIR ET ENSEMBLE DE BOITE A OUTILS**
[72] MANALANG, EDWIN DIZON, US
[72] GRELA, LARRY MITCHELL, US
[71] MANALANG, EDWIN DIZON, US
[71] GRELA, LARRY MITCHELL, US
[22] 2014-10-14
[41] 2015-04-17
[30] US (13/998,268) 2013-10-17

[21] 2,867,730
[13] A1
[51] **Int.Cl. B01D 24/46 (2006.01)**
[25] EN
[54] **FILTER MEDIA RECYCLING SYSTEM**
[54] **SYSTEME DE RECYCLAGE DE MILIEU DE FILTRATION**
[72] BLOOMFIELD, WILLIAM, CA
[71] BLOOMFIELD, WILLIAM, CA
[22] 2014-10-15
[41] 2015-04-15
[30] US (61/891,258) 2013-10-15

[21] 2,867,738
[13] A1
[51] **Int.Cl. A01C 1/06 (2006.01)**
[25] EN
[54] **SEED COATING COMPOSITIONS**
[54] **COMPOSITIONS D'ENROBAGE DE GRAINE**
[72] BARCLAY, STUART, US
[71] BARCLAY, STUART, US
[22] 2014-10-15
[41] 2015-04-15
[30] US (14277224) 2014-05-14
[30] US (61928097) 2014-01-16
[30] US (61891253) 2013-10-15

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[13] A1
[51] **Int.Cl. E04F 19/00 (2006.01)**
[25] EN
[54] **APPARATUS PROVIDING A VISUAL-REVEAL GAP FOR WALL**
[54] **APPAREIL OFFRANT UN INTERSTICE VISUEL POUR UN MUR**
[72] SILK, MARK, CA
[72] MCELWEE, STEVE, CA
[71] FOREST VIEW INDUSTRIES LTD., CA
[22] 2014-10-15
[41] 2015-04-18
[30] US (61/892,846) 2013-10-18
[30] US (61/906,548) 2013-11-20

[21] 2,867,753
[13] A1
[51] **Int.Cl. G07C 3/00 (2006.01) G08C 17/02 (2006.01) G08C 19/00 (2006.01) G01P 13/00 (2006.01)**
[25] EN
[54] **METHOD OF MEASURING EQUIPMENT PERFORMANCE AND DEVICE THEREFOR**
[54] **PROCEDE DE MESURE DE PERFORMANCE D'EQUIPEMENT ET DISPOSITIF POUR CELUI-CI**
[72] CLOAKE, MARTIN, CA
[71] CLOAKE, MARTIN, CA
[22] 2014-10-15
[41] 2015-04-16
[30] US (61/891,782) 2013-10-16

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[13] A1
[51] **Int.Cl. A47D 13/00 (2006.01) A47G 9/10 (2006.01)**
[25] EN
[54] **NURSING AND INFANT SUPPORT PILLOW**
[54] **COUSSIN DESTINE A L'ALLAITEMENT ET AU SUPPORT DES NOURRISSONS**
[72] FANG, RUTH HSIN JU, US
[71] MUNCHKIN, INC., US
[22] 2014-10-15
[41] 2015-04-15
[30] US (61891340) 2013-10-15
[30] US (62000422) 2014-05-19
[30] US (14515422) 2014-10-15

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[13] A1
[51] **Int.Cl. G01K 13/02 (2006.01)**
[25] EN
[54] **TOTAL AIR TEMPERATURE SENSORS**
[54] **CAPTEURS DE TEMPERATURE DE L'AIR DYNAMIQUE**
[72] HERMAN, CHAD, US
[71] ROSEMOUNT AEROSPACE INC., US
[22] 2014-10-14
[41] 2015-04-16
[30] US (61/891,662) 2013-10-16
[30] US (14/184,290) 2014-02-19

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[13] A1
[51] **Int.Cl. G01K 13/02 (2006.01)**
[25] EN
[54] **TOTAL AIR TEMPERATURE SENSORS**
[54] **CAPTEURS DE TEMPERATURE DE L'AIR DYNAMIQUE**
[72] SCHWIE, CHESTER, US
[72] CORNIEA, KYLE, US
[72] JEWETT, ERIK, US
[71] ROSEMOUNT AEROSPACE INC., US
[22] 2014-10-14
[41] 2015-04-15
[30] US (61/891,200) 2013-10-15
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[51] **Int.Cl. C07F 7/22 (2006.01)**
[25] EN
[54] **CALCIUM TREATMENT OF ALKYL-TIN STABILIZERS**
[54] **TRAITEMENT DE CALCIUM DE STABILISATEURS ALKYLETAINS**
[72] CHAMBERS, SCOTT, US
[72] ACHILUZZI, DAVIDE, US
[72] TURNBULL, CHRIS, US
[72] JANKOWSKI, ANNA, US
[71] AXIALL CORPORATION, US
[22] 2014-10-17
[41] 2015-04-18
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[51] **Int.Cl. C08L 33/00 (2006.01) C08J 3/20 (2006.01) C08L 21/00 (2006.01) C08L 27/06 (2006.01)**
[25] EN
[54] **HIGH EFFICIENCY POLYMER COMPOSITION**
[54] **COMPOSITION DE POLYMERE A HAUTE EFFICACITE**
[72] CHAMBERS, SCOTT, US
[72] ACHILUZZI, DAVIDE, US
[72] REED, PERRY, US
[72] TURNBULL, CHRIS, US
[71] AXIALL CORPORATION, US
[22] 2014-10-17
[41] 2015-04-18
[30] US (61/892,779) 2013-10-18

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[51] **Int.Cl. A63B 71/14 (2006.01) A41D 13/015 (2006.01) A41D 13/08 (2006.01) A41D 19/015 (2006.01)**
[25] EN
[54] **SUSPENSION PADDING FOR LACROSSE GLOVE**
[54] **BOURRE EN SUSPENSION POUR GANT DE CROSSE**
[72] GAIT, PAUL, US
[72] PERRA, CHRIS, US
[71] UNDER ARMOUR, INC., US
[22] 2014-10-16
[41] 2015-04-17
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[51] **Int.Cl. C09D 11/34 (2014.01) C09D 11/326 (2014.01) C09D 11/38 (2014.01)**
[25] EN
[54] **BIO-RENEWABLE PHASE CHANGE INKS**
[54] **ENCRES DE CHANGEMENT DE PHASE BIO-RENOUVELABLES**
[72] GOREDEMA, ADELA, CA
[72] BELELIE, JENNIFER, CA
[72] MAYO, JAMES DANIEL, CA
[72] VANBESIEN, DARYL W., CA
[72] KEOSHKERIAN, BARKEV, CA
[72] BAMSEY, NATHAN, CA
[72] ELIYAHU, JENNY, CA
[71] XEROX CORPORATION, US
[22] 2014-10-14
[41] 2015-04-15
[30] US (14/053601) 2013-10-15

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[51] **Int.Cl. B23K 9/04 (2006.01) B23K 26/342 (2014.01) E21B 19/24 (2006.01) F16C 33/00 (2006.01)**
[25] EN
[54] **CU-NI-SN ALLOY OVERLAY FOR BEARING SURFACES ON OILFIELD EQUIPMENT**
[54] **REVETEMENT EN ALLIAGE CU-NI-SN POUR SURFACES PORTANTES SUR EQUIPEMENT DE CHAMP PETROLIFERE**
[72] BADRAK, ROBERT P., US
[71] WEATHER TECHNOLOGY HOLDINGS, LLC., US
[22] 2014-10-15
[41] 2015-04-18
[30] US (61/892,889) 2013-10-18

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[51] **Int.Cl. F02B 77/04 (2006.01) B08B 3/08 (2006.01)**
[25] EN
[54] **DIESEL ENGINE CLEANING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE NETTOYAGE DE MOTEUR DIESEL**
[72] ERWIN, MICHAEL J., US
[72] TENPENNY, DAVID A., US
[72] BIENIEK, CASEY, US
[72] BRUMMETT, JEFFREY, US
[71] BG INTELLECTUALS, INC., US
[22] 2014-10-17
[41] 2015-04-18
[30] US (61/892,762) 2013-10-18
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[13] A1
[51] **Int.Cl. H02G 3/08 (2006.01) H02G 3/14 (2006.01)**
[25] EN
[54] **CAST ONE-PIECE OUTLET BOX**
[54] **BOITE DE SORTIE EN UN MORCEAU COULEE**
[72] SATHYANARAYANA, ASHOK ALILUGHATTA, IN
[72] YABRER, PUSHPAK PARIS, IN
[72] SHINDE, SANTOSH GANPAT, IN
[71] SIGMA ELECTRIC MANUFACTURING CORPORATION, US
[22] 2014-10-16
[41] 2015-04-16
[30] US (61/891,692) 2013-10-16

[21] 2,867,821
[13] A1
[51] Int.Cl. E21B 34/14 (2006.01)
[25] EN
[54] DOWNHOLE TOOL FOR OPENING A TRAVELLING VALVE ASSEMBLY OF A RECIPROCATING DOWNHOLE PUMP
[54] OUTIL DE FOND DE TROU POUR OUVRIR UN CLAPET DE REFOULEMENT D'UNE POMPE DE FOND DE TROU A MOUVEMENT ALTERNATIF
[72] GRONNING, DAVID, CA
[71] GLOBAL OIL AND GAS SUPPLIES INC., CA
[22] 2014-10-16
[41] 2015-04-18
[30] US (61/892,783) 2013-10-18

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[13] A1
[51] Int.Cl. B62D 5/04 (2006.01) B62D 5/08 (2006.01)
[25] EN
[54] TRACK SYSTEM
[54] SYSTEME DE CHENILLE
[72] MORIN, VINCENT, CA
[71] SOUCY INTERNATIONAL INC, CA
[22] 2014-10-16
[41] 2015-04-16
[30] US (61/891,528) 2013-10-16

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[13] A1
[51] Int.Cl. H04M 11/04 (2006.01) G06F 3/14 (2006.01) H04M 3/51 (2006.01)
[25] EN
[54] OVERVIEW USER INTERFACE OF EMERGENCY CALL DATA OF A LAW ENFORCEMENT AGENCY
[54] INTERFACE UTILISATEUR D'APERCU DE DONNEES D'APPEL D'URGENCE D'UN ORGANISME D'APPLICATION DE LA LOI
[72] BOGOMOLOV, ARSENY, US
[72] STREUFERT, JUSTIN, US
[72] KNIGHT, BRYAN, US
[71] PALANTIR TECHNOLOGIES, INC., US
[22] 2014-10-17
[41] 2015-04-18
[30] US (61/893,058) 2013-10-18
[30] US (14/108,187) 2013-12-16

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[13] A1
[51] Int.Cl. H04N 17/00 (2006.01) H02J 4/00 (2006.01) H02J 9/00 (2006.01) H04L 12/26 (2006.01)
[25] EN
[54] STATUS MONITORING SYSTEMS AND METHODS FOR UNINTERRUPTIBLE POWER SUPPLIES
[54] SYSTEMES ET PROCEDES DE SURVEILLANCE D'ETAT POUR ALIMENTATIONS ELECTRIQUES NON INTERRUPTIBLES
[72] ANDERSON, ROBERT P., US
[72] BHATT, PANKAJ H., US
[72] HEWITT, JOHN R., US
[72] ROYBAL, RONALD J., US
[71] ALPHA TECHNOLOGIES INC., US
[22] 2014-10-17
[41] 2015-04-18
[30] US (61/892,648) 2013-10-18
[30] US (62/037,461) 2014-08-14
[30] US (62/053,763) 2014-09-22
[30] US (14/516,522) 2014-10-16

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[13] A1
[51] Int.Cl. G06F 17/00 (2006.01) G06F 3/14 (2006.01) G06Q 30/00 (2012.01)
[25] EN
[54] INTELLIGENT CONTENT AND NAVIGATION
[54] NAVIGATION ET CONTENU INTELLIGENT
[72] MUPPIRALA, PRAKASH, US
[72] MASUD, FAISAL, US
[72] VEMANA, PRATABKUMAR, US
[72] OXLEY-WILSON, MELANIE, GB
[72] ARORA, ARUN, US
[72] DEBRA, ARORA, US
[71] STAPLES, INC., US
[22] 2014-10-17
[41] 2015-04-17
[30] US (61/892356) 2013-10-17

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[13] A1
[51] Int.Cl. B01D 41/04 (2006.01) B01D 46/42 (2006.01)
[25] EN
[54] SYSTEM FOR EVACUATING CONTAMINANTS FROM CONTAMINANT-TRAPPING FILTERS
[54] SYSTEME POUR EVACUER DES CONTAMINANTS DE FILTRES DE PIEGEAGE DE CONTAMINANTS
[72] HUNTER, KENNETH, CA
[71] HUNTER, KENNETH, CA
[22] 2014-10-16
[41] 2015-04-16
[30] US (61891581) 2013-10-16
[30] US (62064466) 2014-10-15

[21] 2,867,984
[13] A1
[51] Int.Cl. H01L 29/93 (2006.01) H02M 3/338 (2006.01)
[25] EN
[54] FREQUENCY DEPENDENT ANALOG BOOST CONVERTER FOR LOW VOLTAGE APPLICATIONS
[54] CONVERTISSEUR ELEVATEUR ANALOGIQUE DEPENDANT DE LA FREQUENCE POUR APPLICATIONS A BASSE TENSION
[72] BARLAGE, DOUGLAS, CA
[72] SHOUTE, LHING GEM KIM, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[22] 2014-10-17
[41] 2015-04-17
[30] US (61/892,302) 2013-10-17

[21] 2,868,342
[13] A1
[51] Int.Cl. B60K 15/06 (2006.01)
[25] EN
[54] SPARE TIRE FUEL TANK
[54] RESERVOIR DE CARBURANT SITUE A L'EMPLACEMENT DU PNEU DE SECOURS
[72] ANDERSON, KENNETH S., US
[72] ANDERSON, KLINT S., US
[71] ANDERSON, KENNETH S., US
[71] ANDERSON, KLINT S., US
[22] 2014-10-14
[41] 2015-04-16
[30] US (14/055,740) 2013-10-16

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[13] A1
[51] **Int.Cl. F41G 1/387 (2006.01)**
[25] EN
[54] **SCOPE GUARD FOR SCOPE AND FIREARM**
[54] **PROTECTEUR DE LUNETTE POUR LUNETTE ET ARME A FEU**
[72] PISANI, MARCO, CA
[72] PISANI, ANDREA NAZZARENO, CA
[71] PISANI, MARCO, CA
[71] PISANI, ANDREA NAZZARENO, CA
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[72] CUMMINS, MICHAEL D., CA
[72] SIVASHANMUGAM, PRABAHARAN, US
[72] NADARAJAH, GUNALAN, CA
[72] DEL VECCHIO, ORIN, CA
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[54] **MECANISME COULISSANT SIMPLIFIE**
[72] LAMKE, SAMUEL F., US
[71] HKD GLOBAL LIMITED, HK
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[72] FITZ-HARDY, CHRISTOPHER D., CA
[71] FITZ-HARDY, CHRISTOPHER D., CA
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[72] KRATOCHVIL, ROBERT B., CA
[72] HAMILTON, BRENDON, CA
[72] MEIER, DANIEL, CA
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[54] **CONFIGURABLE INPUT/OUTPUT UNIT**
[54] **UNITE D'ENTREE/SORTIE CONFIGURABLE**
[72] GALIBOIS, MICHEL, CA
[72] COTE, YANICK, CA
[71] CAE INC., CA
[22] 2015-02-13
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[72] GOLDFARB, EILEEN, CA
[71] PILLOW SOLVE INC., CA
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[72] CAPUTO II, PETE JOSEPH, US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
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[54] **INSTRUMENTS POUR LE PLACEMENT DE SUTURES TRANSFASCIALES ET PROCEDES DE SUTURE TRANSFASCIALE**
[72] ZINITI, DONALD E., US
[72] RANUCCI, KEVIN J., US
[72] DAROIS, ROGER E., US
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[72] ZECCHI, STEFANO, IT
[71] GE AVIO S.R.L., IT
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[54] **PROCEDE D~ASSEMBLAGE DE CARREAUX DE PARQUETERIE EN GRANIT AMELIORE**
[72] GUIDORZI, LUCIANO, IT
[71] TUILES DE GRANITE ANCOR INC., CA
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[54] **NON-CROSS-LINKED ACELLULAR PERTUSSIS ANTIGENS FOR USE IN COMBINATION VACCINES**
[54] **ANTIGENES DE PERTUSSIS ACELLULAIRES NON RETICULES POUR LEUR UTILISATION DANS DES VACCINS COMBINES**
[72] TARLI, LORENZO, IT
[72] CONTORNI, MARIO, IT
[72] BARTALESI, ALESSANDRO, IT
[71] GLAXOSMITHKLINE BIOLOGICALS S.A., BE
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[54] **SYSTEMES DE TEST CELLULAIRE DETERMINANT LES ACTIVITES BIOLOGIQUES DE POLYPEPTIDES D'UNE NEUROTOXINE**
[72] EISELE, KARL-HEINZ, DE
[71] MERZ PHARMA GMBH & CO. KGAA, DE
[85] 2015-03-30
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[54] **A MONITORING DEVICE, SYSTEM AND METHOD FOR THE MONITORING OF AN AREA OF BUILDING OR LAND, USING AT LEAST ONE LIGHT WAVEGUIDE**
[54] **DISPOSITIF DE SURVEILLANCE, SYSTEME ET PROCEDE DE SURVEILLANCE D'UNE ZONE DE CONSTRUCTION OU TERRAIN EN UTILISANT AU MOINS UN GUIDE D'ONDE LUMINEUX**
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[54] **METHODS AND APPARATUS TO IMPLEMENT A REMOTE TERMINAL UNIT NETWORK**
[54] **PROCEDES ET APPAREIL POUR METTRE EN □UVRE UN RESEAU D'UNITES TERMINALES DISTANTES**
[72] VANDERAH, RICHARD J., US
[72] SMID, DAVID LEE, US
[72] CONDIT, RICKIE LEE, US
[71] BRISTOL, INC., D/B/A REMOTE AUTOMATED SOLUTIONS, US
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[54] **UTILISATION D'UN MILIEU DE CULTURE CONDITIONNE POUR CELLULES SOUCHES MESENCHYMATEUSES DE PLACENTA PREECLAMPTIQUE POUR LE TRAITEMENT D'UNE TUMEUR**
[72] ROLFO, ALESSANDRO, IT
[72] TODROS, TULLIA, IT
[71] CORION BIOTECH S.R.L., IT
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[51] **Int.Cl. A61K 9/00 (2006.01)**
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[54] **PROCEDE DE FABRICATION DE PRODUITS D'IMPLANT MEDICAL A LIBERATION PROLONGEE**
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[72] POLLOCK, WAYNE C., US
[71] AXXIA PHARMACEUTICALS, LLC, US
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[72] DUMITRESCU, ION, CA
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[72] MANAI, MYRIAM, CA
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[54] **CONVERTER ARM AND ASSOCIATED CONVERTER DEVICE**
[54] **BRANCHE DE CONVERTISSEUR ET DISPOSITIF DE CONVERTISSEUR ASSOCIE**
[72] HAFNER, JURGEN, SE
[72] BJORKLUND, HANS, SE
[71] ABB TECHNOLOGY LTD, CH
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[25] EN
[54] **COMPOSITION BASED ON VEGETABLE TANNINS, FREE FROM FORMALDEHYDE AND LOW-BOILING ORGANIC SOLVENTS, FOR MANUFACTURING A FOAM MATERIAL, AND PROCESS THEREOF**
[54] **COMPOSITION A BASE DE TANINS VEGETAUX, EXEMPTE DE FORMALDEHYDE ET DE SOLVANTS ORGANIQUES DE POINT D'EBULLITION BAS, POUR LA FABRICATION D'UN MATERIAU MOUSSE, ET PROCEDE ASSOCIE**
[72] PIZZI, ANTONIO, FR
[72] BASSO, MARIA CECILIA, FR
[72] GIOVANDO, SAMUELE, IT
[72] CELZARD, ALAIN, FR
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[71] UNIVERSITE DE LORRAINE, FR
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[54] **LIANTS AQUEUX POUR DES APPLICATIONS DE THERMOSCELLAGE**
[72] HERMES, FLORIAN, DE
[72] STURM, DOMINIK, DE
[72] GOLDITZ, CHRISTIAN, DE
[72] WICKE, MICHAEL, DE
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[72] HARTMANN, JURGEN, DE
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[54] **METHODS AND PRODUCT FOR OPTIMISING LOCALISED OR SPATIAL DETECTION OF GENE EXPRESSION IN A TISSUE SAMPLE**
[54] **PROCEDES ET PRODUIT D'OPTIMISATION DE LA DETECTION LOCALISEE OU SPATIALE DE L'EXPRESSION GENIQUE DANS UN ECHANTILLON DE TISSU**
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[72] STAHL, PATRIK, SE
[72] LUNDEBERG, JOAKIM, SE
[72] SALMEN, FREDRIK, SE
[71] SPATIAL TRANSCRIPTOMICS AB, SE
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[54] **SCANNING TUNNELING MICROSCOPE AND METHOD OF DISPLAYING OBSERVATION IMAGE**
[54] **MICROSCOPE A BALAYAGE A EFFET TUNNEL ET PROCEDE D'AFFICHAGE D'IMAGES D'OBSERVATION**
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[71] JAPAN SCIENCE AND TECHNOLOGY AGENCY, JP
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[71] JONES, ROBERT S., US
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[54] **SYSTEMS AND METHODS FOR WINDSHIELD DEICING**
[54] **SYSTEMES ET PROCEDES DE DEGIVRAGE DE PARE-BRISE**
[72] PETRENKO, VICTOR, US
[72] SULLIVAN, CHARLES, US
[72] NICKOLEYEV, OLEG, US
[72] KOZLYUK, VALERI, US
[71] THE TRUSTEES OF DARTMOUTH COLLEGE, US
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[54] **PEENING DEVICE AND PEENING METHOD**
[54] **DISPOSITIF DE GRENAILLAGE ET PROCEDE DE GRENAILLAGE**
[72] KOZAKI, TAKASHI, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2015-04-01
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[54] **ENSEMBLE EPANDEUR DE MATERIAU GRANULAIRE**
[72] OUTCALT, ANDREW, US
[72] WARCHOLA, MARTIN, US
[71] MEYER PRODUCTS, LLC, US
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[54] **VETEMENT DE COMPRESSION TRICOTE ET PROCEDE PERMETTANT DE TRICOTER CE DERNIER**
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[72] BAUER, JOACHIM DIETMAR ADOLF, DE
[72] TUCKER, KEVIN MICHAEL, US
[72] CLARK, PHILLIP TODD, US
[71] BSN MEDICAL, INC., US
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[54] **PRODUCING CATALYSTS ON THE BASIS OF BORON ZEOLITES**
[54] **PRODUCTION DE CATALYSEURS A BASE DE BORO-ZEOLITES**
[72] NAU, ASLI, DE
[72] ZANTHOFF, HORST-WERNER, DE
[72] GEILEN, FRANK, DE
[72] QUANDT, THOMAS, DE
[72] MASCHMEYER, DIETRICH, DE
[72] WINTERBERG, MARKUS, DE
[72] PEITZ, STEPHAN, DE
[72] BUKOHL, REINER, DE
[72] BOING, CHRISTIAN, CN
[71] EVONIK DEGUSSA GMBH, DE
[71] EVONIK INDUSTRIES AG, DE
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[25] EN
[54] **2,3'-ANHYDRO-2'-DEOXY-5-FLUOROURIDINE DERIVATIVES WITH CYTOTOXIC ACTIVITY, A MANUFACTURING PROCESS AND APPLICATION**
[54] **DERIVES DE 2,3'-ANHYDRO-2'-DESOXY-5-FLUOROURIDINE A ACTIVITE CYTOTOXIQUE, PROCEDE DE FABRICATION ET APPLICATION**
[72] CELEWICZ, LECH, PL
[72] KACPRZAK, KAROL, PL
[72] LEWANDOWSKA, MARTA, PL
[72] RUSZKOWSKI, PIOTR, PL
[71] ADAM MICKIEWICZ UNIVERSITY, PL
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[54] **TRIGLYCERIDE BASED, LOW VISCOSITY, HIGH FLASH POINT DIELECTRIC FLUIDS**
[54] **FLUIDES DIELECTRIQUES A BASE DE TRIGLYCERIDES, CARACTERISES PAR UNE FAIBLE VISCOSITE ET UN POINT D'ECLAIR ELEVE**
[72] NAIR, SREEJIT A., IN
[72] GUPTE, KAUSTUBH S., IN
[72] LIN, THOMAS S., US
[72] COGEN, JEFFREY M., US
[72] CHAUDHARY, BHARAT I., US
[72] FLORY, ANNY L., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2015-04-07
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[87] (WO2014/062327)
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[25] EN
[54] **NON-OLEIC TRIGLYCERIDE BASED, LOW VISCOSITY, HIGH FLASH POINT DIELECTRIC FLUIDS**
[54] **FLUIDES DIELECTRIQUES A BASE DE TRIGLYCERIDES NON OLEIQUES, CARACTERISES PAR UNE FAIBLE VISCOSITE ET UN POINT D'ECLAIR ELEVE**
[72] NAIR, SREEJIT A., IN
[72] GUPTE, KAUSTUBH S., IN
[72] LIN, THOMAS S., US
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[72] FLORY, ANNY L., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[25] EN
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[54] **APPAREIL DE CUISSON PAR AUTO-BRASSAGE**
[72] RANDALL, LARRY, US
[72] HAMMAD, JAMAL, US
[71] SUNBEAM PRODUCTS, INC., US
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[87] (WO2014/055759)
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[54] **SYSTEM AND METHOD FOR PATIENT PLACEMENT IN CARE FACILITY**
[54] **SYSTEME ET PROCEDE POUR LE PLACEMENT DE PATIENTS DANS DES CENTRES DE SANTE**
[72] SAVAGE, BARBARA, US
[72] ZARIAN, JAMES, US
[71] AT CURA SOLUTIONS, INC., US
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[54] **PUBLICATION AND INTERACTIVE DISCUSSION ENGINE DRIVEN BY USER-SPECIFIED TOPIC**
[54] **MOTEUR DE DISCUSSION INTERACTIVE ET DE PUBLICATION, COMMANDE PAR UN SUJET SPECIFIE PAR UN UTILISATEUR**
[72] CORSELL, PETER, US
[72] OH, RICHARD, CA
[72] OH, ROBERT, CA
[71] HUBUB INC., CA
[71] CORSELL, PETER, US
[85] 2015-04-07
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[54] **PHOSPHOROUS-CONTAINING ALUMINUM CARBOXYLATE SALT FLAME RETARDANTS**
[54] **IGNIFUGEANTS DE SEL DE CARBOXYLATE D'ALUMINIUM CONTENANT DU PHOSPHORE**
[72] SHANKAR, RAVI B., US
[72] YONKEY, MATTHEW M., US
[72] BUNKER, SHANA P., US
[72] MORGAN, TED A., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **AMPHIREGULIN-SPECIFIC DOUBLE-HELICAL OLIGO-RNA, DOUBLE-HELICAL OLIGO-RNA STRUCTURE COMPRISING DOUBLE-HELICAL OLIGO-RNA, AND COMPOSITION FOR PREVENTING OR TREATING RESPIRATORY DISEASES CONTAINING SAME**
[54] **OLIGO-ARN DOUBLE HELICE SPECIFIQUE DE L'AMPHIREGULINE, STRUCTURE EN DOUBLE HELICE D'OLIGO-ARN COMPRENANT LEDIT OLIGO-ARN DOUBLE HELICE ET COMPOSITION DESTINEE A PREVENIR OU TRAITER LES MALADIES RESPIRATOIRES EN CONTENANT**
[72] PARK, HAN-OH, KR
[72] CHAE, JEIWOOK, KR
[72] YOON, PYOUNG OH, KR
[71] BIONEER CORPORATION, KR
[85] 2015-04-03
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[54] **A COMMUNICATION SYSTEM FACILITATING A CONTEXTUAL ENVIRONMENT FOR A USER FILLING VARIOUS ROLE AGENTS**
[54] **SYSTEME DE COMMUNICATION FACILITANT UN ENVIRONNEMENT CONTEXTUEL POUR UN UTILISATEUR REMPLISSANT DIFFERENTS AGENTS ROLES**
[72] PINARD, DEBORAH, CA
[71] INITLIVE INC., CA
[85] 2015-04-07
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[54] **A METHOD OF ROUTING OF DATA MESSAGES FROM MOBILE DEVICES THROUGH SATELLITE AND TERRESTRIAL COMMUNICATION NETWORKS**
[54] **PROCEDE D'ACHEMINEMENT DE MESSAGES DE DONNEES EN PROVENANCE DE DISPOSITIFS MOBILES PAR LE BIAIS DE RESEAUX DE COMMUNICATION PAR SATELLITES ET TERRESTRES**
[72] TESSIER, THOMAS RONALD, CA
[71] TESSIER, THOMAS RONALD, CA
[85] 2015-04-07
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[25] EN
[54] **PLATELET ADDITIVE SOLUTION HAVING A BETA-GALACTOSIDASE INHIBITOR**
[54] **SOLUTION ADDITIVE PLAQUETTAIRE COMPRENANT UN INHIBITEUR DE BETA-GALACTOSIDASE**
[72] LIU, QIYONG PETER, US
[72] HOFFMEISTER, KARIN, US
[72] SACKSTEIN, ROBERT, US
[71] VELICO MEDICAL, INC., US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[85] 2015-04-01
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[54] **MULTI-DAY PATCH FOR THE TRANSDERMAL ADMINISTRATION OF ROTIGOTINE**
[54] **TAMPON DE PLUSIEURS JOURS POUR L'ADMINISTRATION TRANSDERMIQUE DE ROTIGOTINE**
[72] CAWELLO, WILLI, DE
[72] LAPPERT, AURELIA, BE
[72] KASSNER, KRISTINA, DE
[72] WOLFF, HANS-MICHAEL, DE
[72] MULLER, WALTER, DE
[72] LEONHARD, JOHANNES JOSEF, DE
[72] EMGENBROICH, MARCO, DE
[71] UCB PHARMA GMBH, DE
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE
[85] 2015-04-01
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[25] EN
[54] **BOLT CATCH LEVER FOR A FIREARM AND BUTTSTOCK AND WEAPON RECEIVER FOR A FIREARM EQUIPPED THEREWITH**
[54] **LEVIER DE VERROUILLAGE DE CULASSE POUR UNE ARME A FEU ET ELEMENT FORMANT POIGNEE MUNI DUDIT LEVIER DE VERROUILLAGE DE CULASSE ET ENVELOPPE D'UNE ARME A FEU**
[72] FLUHR, NORBERT, DE
[72] KOHLER, DANIEL, DE
[71] HECKLER & KOCH GMBH, DE
[85] 2015-04-02
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[54] **COATING COMPOSITIONS AND ARTICLES MADE THEREFROM**
[54] **COMPOSITIONS DE REVETEMENT ET ARTICLES FORMES A PARTIR DE CELLES-CI**
[72] BODKHE, RAJAN B., US
[72] FORES, STUART E., GB
[72] LEVITT, LEON, US
[72] MOSS, CRAIG M., US
[72] JOHNSON, MICHAEL A., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[51] **Int.Cl. A47K 5/12 (2006.01) A47K 5/14 (2006.01)**
[25] EN
[54] **MIXING CHAMBER FOR TWO FLUID CONSTITUENTS**
[54] **CHAMBRE DE MELANGE DE DEUX COMPOSANTS DE FLUIDE**
[72] ARMINAK, ARMIN, US
[71] ARMINAK & ASSOCIATES, LLC, US
[85] 2015-04-02
[86] 2013-10-02 (PCT/US2013/062996)
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[51] **Int.Cl. B61L 15/00 (2006.01)**
[25] EN
[54] **OPERATOR CONTROL SYSTEM FOR OPERATOR CONTROL OF FUNCTIONAL UNITS FOR A RAIL VEHICLE**
[54] **SYSTEME DE COMMANDE POUR COMMANDER DES UNITES FONCTIONNELLES DANS UN VEHICULE FERROVIAIRE**
[72] KESSNER, MARTIN, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2015-04-02
[86] 2013-09-18 (PCT/EP2013/069328)
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[54] **METHODS AND PROCESSES FOR NON-INVASIVE ASSESSMENT OF GENETIC VARIATIONS**
[54] **PROCEDES ET PROCESSUS D'EVALUATION NON INVASIVE DE VARIATIONS GENETIQUES**
[72] DECIU, COSMIN, US
[72] DZAKULA, ZELJKO, US
[71] SEQUENOM, INC., US
[85] 2015-04-02
[86] 2013-10-03 (PCT/US2013/063314)
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[25] EN
[54] **APPLICATION ARRANGEMENT WITH A MEDICINAL SUBSTANCE FLUID**
[54] **DISPOSITIF D'APPLICATION DOTE D'UN FLUIDE MEDICAMENTEUX**
[72] KERSCHBAUMER, ANDREAS, AT
[72] GORGES, ROLAND, AT
[72] GRIGOLEIT, PATRICIA, DE
[72] KRENN, CHRISTIAN, AT
[72] SCHLOGL, JOHANN, AT
[71] FRESENIUS KABI DEUTSCHLAND GMBH, DE
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[54] **BENZAMIDES**
[54] **BENZAMIDES**
[72] KILBURN, JOHN PAUL, DK
[72] RASMUSSEN, LARS KYHN, DK
[72] JESSING, MIKKEL, DK
[72] ELDEMENKY, EMAN MOHAMMED, US
[72] CHEN, BIN, US
[72] JIANG, YU, US
[72] HOPPER, ALLEN T., US
[71] H. LUNDBECK A/S, DK
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[51] **Int.Cl. D21H 19/40 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING A COATING COMPOSITION, COATING COMPOSITION AND ITS USE**
[54] **PROCEDE DE FABRICATION DE COMPOSITION DE REVETEMENT, COMPOSITION DE REVETEMENT ET SON UTILISATION**
[72] HEMMES, JAN-LUIKEN, DE
[72] PUTTONEN, SAMI, FI
[72] HUHTALA, KIMMO, FI
[72] VIRTALA, KAI, FI
[71] KEMIRA OYJ, FI
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[25] EN
[54] **PREPARATION OF ERTAPENEM INTERMEDIATES**
[54] **PREPARATION D'INTERMEDIAIRES D'ERTAPENEM**
[72] LENGAUER, HANNES, AT
[72] ENDL, BIRGIT, AT
[72] FELZMANN, WOLFGANG, CH
[71] SANDOZ AG, CH
[85] 2015-04-01
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[25] EN
[54] **PROCESS FOR MANUFACTURING FLUOROPOLYMER HYBRID COMPOSITES**
[54] **PROCEDE POUR LA FABRICATION DE COMPOSITES HYBRIDES DE POLYMERE FLUORE**
[72] FRACHE, ALBERTO, IT
[72] TATA, JENNIFER KATTY, IT
[72] CAMINO, GIOVANNI, IT
[72] BESANA, GIAMBATTISTA, IT
[72] ABUSLEME, JULIO A., IT
[71] SOLVAY SA, BE
[85] 2015-04-01
[86] 2013-10-22 (PCT/EP2013/072067)
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[51] **Int.Cl. B07C 7/00 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR ASSISTING IN THE SORTING OF OBJECTS IN A SORTING BOX**
[54] **PROCEDE ET DISPOSITIF D'AIDE POUR TRIER DES OBJETS DANS UN CASIER DE TRI**
[72] MIETTE, EMMANUEL, FR
[72] GUIGNARD, CELINE, FR
[72] VOLTA, BRUNO, FR
[71] SOLYSTIC, FR
[85] 2015-04-01
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[54] **ENERGY SENSITIZATION OF ACCEPTORS AND DONORS IN ORGANIC PHOTOVOLTAICS**
[54] **SENSIBILISATION A L'ENERGIE DES ACCEPTEURS ET DES DONNEURS DANS DES SYSTEMES PHOTOVOLTAIQUES ORGANIQUES**
[72] THOMPSON, MARK E., US
[72] TRINH, CONG, US
[72] DJUROVICH, PETER I., US
[72] CONRON, SARAH M., US
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
[85] 2015-04-02
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[51] **Int.Cl. H02H 3/33 (2006.01)**
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[54] **CIRCUIT INTERRUPTER PROVIDING GROUND FAULT PROTECTION AND SYSTEM INCLUDING THE SAME**
[54] **DISJONCTEUR FOURNISSANT UNE PROTECTION CONTRE LES DEFAUTS A LA TERRE ET SYSTEME LE COMPRENANT**
[72] MILLER, THEODORE, US
[71] EATON CORPORATION, US
[85] 2015-04-01
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[51] **Int.Cl. B41M 5/24 (2006.01)**
[25] FR
[54] **METHOD FOR SURFACE MARKING A MECHANICAL PART WITH A PREDEFINED GRAPHIC REPRESENTATION VISIBLE TO THE NAKED EYE**
[54] **PROCEDE DE MARQUAGE EN SURFACE D'UNE PIECE MECANIQUE PAR UNE REPRESENTATION GRAPHIQUE PREDEFINIE VISIBLE A L'OEIL NU**
[72] BILHE, PASCAL, FR
[72] BEGUE-DUTHU, GEOFFREY, FR
[72] GUIPONT, VINCENT, FR
[71] SNECMA, FR
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[25] EN
[54] **CELLULASE COMPOSITION CONTAINING CELLULASE AND PAPERMAKING POLYMERS FOR PAPER DRY STRENGTH APPLICATION**
[54] **COMPOSITION DE CELLULASE CONTENANT DE LA CELLULASE ET POLYMERES DE FABRICATION DU PAPIER POUR APPLICATION DE RESISTANCE A SEC DE PAPIER**
[72] GU, QU-MING, US
[72] SUTMAN, FRANK J., US
[71] SOLENIS TECHNOLOGIES CAYMAN, L.P., CH
[85] 2015-04-02
[86] 2013-10-08 (PCT/US2013/063825)
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[51] **Int.Cl. F17C 5/02 (2006.01) F17C 7/02 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR FILLING A TANK WITH LIQUEFIED GAS**
[54] **PROCEDE ET DISPOSITIF DE REMPLISSAGE D'UN RESERVOIR DE GAZ LIQUEFIE**
[72] BEUNEKEN, OLIVIER, FR
[72] AMMOURI, FOUAD, FR
[72] COLOM, SITRA, FR
[72] DELCLAUD, MARIE, FR
[72] THOMAS, ARTHUR, FR
[72] WOJDAS, OLGA, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2015-04-01
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[51] **Int.Cl. H04N 19/112 (2014.01) H04N 19/159 (2014.01) H04N 19/176 (2014.01) H04N 19/23 (2014.01) H04N 19/30 (2014.01) H04N 19/513 (2014.01) H04N 13/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR INTER-COMPONENT MOTION PREDICTION IN THREE-DIMENSIONAL VIDEO CODING**
[54] **PROCEDE ET APPAREIL DE PREDICTION DE MOUVEMENT INTER-COMPOSANTS LORS D'UN CODAGE VIDEO TRIDIMENSIONNEL**
[72] CHEN, YI-WEN, CN
[72] LIN, JIAN-LIANG, CN
[71] MEDIATEK INC., CN
[85] 2015-04-02
[86] 2013-09-27 (PCT/CN2013/084472)
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[25] EN
[54] **MIXTURE OF VARIOUS UNSYMMETRIC BISPHOSPHITES AND USE THEREOF AS A CATALYST MIXTURE IN HYDROFORMYLATION**
[54] **MELANGE DE DIFFERENTS BIPHOSPHITES ASYMETRIQUES ET SON UTILISATION EN TANT QUE MELANGE CATALYTIQUE POUR L'HYDROFORMYLATION**
[72] CHRISTIANSEN, ANDREA, DE
[72] FRANKE, ROBERT, DE
[72] FRIDAG, DIRK, DE
[72] HESS, DIETER, DE
[72] DYBALLA, KATRIN MARIE, DE
[72] HANNEBAUER, BERND, DE
[71] EVONIK DEGUSSA GMBH, DE
[85] 2015-04-02
[86] 2013-09-27 (PCT/EP2013/070238)
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[30] DE (102012218627.1) 2012-10-12
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[51] **Int.Cl. F17C 5/02 (2006.01) F17C 7/02 (2006.01)**
[25] FR
[54] **METHOD FOR FILLING A TANK WITH LIQUEFIED GAS**
[54] **PROCEDE DE REMPLISSAGE D'UN RESERVOIR DE GAZ LIQUEFIE**
[72] BEUNEKEN, OLIVIER, FR
[72] AMMOURI, FOUAD, FR
[72] COLOM, SITRA, FR
[72] DELCLAUD, MARIE, FR
[72] THOMAS, ARTHUR, FR
[72] WOJDAS, OLGA, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[51] **Int.Cl. F23K 1/04 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING A STEAM GENERATOR**
[54] **PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN GENERATEUR DE VAPEUR**
[72] HESSE, RAINER, DE
[72] ROPER, BERNHARD, DE
[71] RWE POWER AKTIENGESELLSCHAFT, DE
[85] 2015-04-02
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[51] **Int.Cl. B64C 11/06 (2006.01) F01D 5/08 (2006.01)**
[25] FR
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[54] **HELICE COMPORTANT UNE ECOPE DYNAMIQUE MOBILE**
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[72] AMMOURI, FOUAD, FR
[72] COLOM, SITRA, FR
[72] DELCLAUD, MARIE, FR
[72] THOMAS, ARTHUR, FR
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[72] INUI, MASAYUKI, US
[72] NAKAYAMA, KOJI, US
[72] TSUJIUCHI, TATSUYA, US
[72] SORIMACHI, YOSHIKI, JP
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[54] **PROCEDE D'INSTALLATION DE CABLES DE DETECTION DANS DES PUITS DE SURVEILLANCE**
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[72] SAMSON, ETIENNE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **DISPOSITIF DE COMMANDE DE VEHICULE**
[72] SAWAMOTO, KIICHIRO, JP
[71] HONDA MOTOR CO., LTD., JP
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[72] BISCAY, PIERRE, FR
[72] SEVESTRE, GUILLAUME, FR
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[72] YEA, SEHOON, KR
[72] HEO, JIN, KR
[72] KIM, TAESUP, KR
[72] SUNG, JAEWON, KR
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[72] ERB, MICHAEL J., US
[71] EATON CORPORATION, US
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[54] **APPAREIL DE COMMUTATION ELECTRIQUE ET ENSEMBLE BRAS DE CONTACT MOBILE POUR CELUI-CI**
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[72] HELMS, ROGER W., US
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[54] **SYSTEME ET PROCEDE DE MISE EN □UVRE DE PRODUCTION AUDIO AUTOMATIQUE A L'AIDE DE DONNEES SEMANTIQUES**
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[72] REISS, JOSHUA D., GB
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[71] NOVA WILDCAT SHUR-LINE, LLC, US
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[71] ZUNIGA, ELEAZAR, US
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[54] **ANTENNE DIPOLE DEFORMEE A LARGE BANDE POUR BANDES LTE ET GPS**
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[72] QUINLAN, RONAN, US
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[71] FACEBOOK, INC., US
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[54] **ANTICORPS ANTI-C16ORF54 ET LEURS METHODES D'UTILISATION**
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[72] KIM, SUN, YOUNG, US
[72] THEUNISSEN, JAN-WILLEM, US
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[72] JACKSON, DAVID, US
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[71] EVOQUA WATER TECHNOLOGIES LLC, US
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[72] KOWARIK, MICHAEL, CH
[72] FERNANDEZ, FABIANA, CH
[71] GLYCOVAXYN AG, CH
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[72] BARLOW, MONTAGUE FRASER, GB
[72] MORLEY, ANDREW, GB
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[54] **LECTEUR DE PLAQUE MULTI-PUITS MINIATURISE POUR CRIBLAGE PHENOTYPIQUE**
[72] PAPIN, JASON A., US
[72] JENSEN, PAUL A., US
[71] UNIVERSITY OF VIRGINA PATENT FOUNDATION D/B/A UNIVERSITY OF VIRGINIA LICENSING & VENTURES GROUP, US
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[72] BAUMANN, KARLHEINZ, DE
[72] FLOHR, ALEXANDER, DE
[72] JOLIDON, SYNESE, CH
[72] KNUST, HENNER, DE
[72] LUEBBERS, THOMAS, DE
[72] NETTEKOVEN, MATTHIAS, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
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[54] **ARTICLE ABSORBANT JETABLE AYANT UN C□UR EXTENSIBLE ET RETRACTABLE**
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[72] HARRIS, MICHAEL WAYNE, US
[71] PRESTO ABSORBENT PRODUCTS, INC., US
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[54] **SYSTEMES DE CONVERSION DE BIOMASSE ET LEURS PROCEDES D'UTILISATION**
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[72] KOMPLIN, GLENN CHARLES, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[54] **SYSTEME ET PROCEDE PERMETTANT D'ATTENUER UN BRUIT DANS DES DONNEES SISMIQUES**
[72] TEGTMEIER-LAST, SANDRA, US
[72] KUSTOWSKI, BOGDAN LUKASZ, US
[72] CLARK, DOUGLAS WILLIAM, US
[72] HENNENFENT, GILLES, US
[72] MARTIN, HARRY, US
[71] CHEVRON U.S.A. INC., US
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[54] **MANCHETTE OU ACCESSOIRE DE COMPRESSION**
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[72] PATEL, CHAMPABEN, GB
[71] HUNTLEIGH TECHNOLOGY LIMITED, GB
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[72] GOULD, JOEL, US
[71] AB INITIO TECHNOLOGY LLC, US
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[72] SAHA, SANKALITA, US
[72] FULLAM, SCOTT, US
[71] ALIPHCOM, US
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[54] **GENES REGULANT LA SENSIBILITE A LA PHOTOPERIODE DANS LE MAIS ET LE SORGHUM, ET LEURS UTILISATIONS**
[72] COLES, NATHAN D., US
[72] DANILEVSKAYA, OLGA N., US
[72] MENG, XIN, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **ATTACHE DE CABLE POUVANT ETRE MONTEE AVEC REGLAGE FIN ET SON PROCEDE D'UTILISATION**
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[54] **PROCEDES PERMETTANT DE PRODUIRE DE LA PATE CELLULOSIQUE, DES SUCRES ET DES COPRODUITS A PARTIR D'UNE BIOMASSE LIGNOCELLULOSIQUE**
[72] RETSINA, THEODORA, US
[72] PYLKKANEN, VESA, US
[72] RUTHERFORD, STEVEN, US
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[54] **SYNTHESE DE TAMIS MOLECULAIRES DU TYPE A STRUCTURE MSE**
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[72] WEIGEL, SCOTT J., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[72] KESWANI, SUSHIL N., US
[71] IDEAL INDUSTRIES, INC., US
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[54] **FORMULATION CONTENANT UN VIRUS ET UTILISATION ASSOCIEE**
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[72] CHASLE, MELINA, FR
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[54] **COMPOSITION DE REVETEMENT AQUEUSE AYANT UNE STABILITE DE VISCOSITE AMELIOREE**
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[72] LI, JUAN, CN
[72] CHEN, JUNYU, CN
[72] CUI, LONGLAN, CN
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **STRUCTURE DE SUPPORT POUR AEROGENERATEURS ET MOULE PERMETTANT D'OBTENIR DE TELLES STRUCTURES**
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[71] GESTAMP HYBRID TOWERS, S.L., ES
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[54] **CABLE A FIBRE OPTIQUE POUR DETECTION ACOUSTIQUE/SISMIQUE**
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[72] HILL, DAVID, GB
[71] OPTASENSE HOLDINGS LIMITED, GB
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[54] **STRUCTURE D'AGENCEMENT D'ETRIERS DE FREIN POUR UN VEHICULE A SELLE**
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[72] NAKAIE, HIROKATSU, JP
[72] TOYODA, HIDETOSHI, JP
[72] ITO, SHINJI, JP
[72] KAWASAKI, SHINJI, JP
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[54] **METHODE DE PRODUCTION D'UNE COMPOSITION CONTENANT UN CAROTENOIDE, ET COMPOSITION CONTENANT UN CAROTENOIDE**
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[72] SOMEYA, TAKANORI, JP
[72] HAYASHI, MOTOKO, JP
[72] YAMADA, MANABU, JP
[72] UCHIZAWA, SHOTARO, JP
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[72] TER MEER, DOMINIK, DE
[72] POHL, THOMAS, DE
[72] WINTER, RENO, DE
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[54] **INTAGLIO PRINTING PRESS AND METHOD OF MONITORING OPERATION OF THE SAME**
[54] **PRESSE D'IMPRESSION EN CREUX ET PROCEDE DE SURVEILLANCE DE SON FONCTIONNEMENT**
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[72] SCHARKUS, VOLKER, DE
[71] KBA-NOTASYS SA, CH
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[54] **SIGNAL PROCESSING DEVICE, SIGNAL PROCESSING METHOD AND INFORMATION READING APPARATUS**
[54] **DISPOSITIF DE TRAITEMENT DE SIGNAUX, PROCEDE DE TRAITEMENT DE SIGNAUX ET DISPOSITIF DE LECTURE D'INFORMATIONS**
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[72] YAMANAKA, SATOSHI, JP
[72] FUJIYAMA, NAOYUKI, JP
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[54] **PROCEDE DE PREPARATION DE PHOSPHONATE D'HYDROXYMETHYLE, COMPOSITIONS FORMANT UNE MOUSSE DE POLYURETHANE, MOUSSE DE POLYURETHANE ET ARTICLES FAITS DE CETTE DERNIERE**
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[72] FRANCISCO, GERARDO, US
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[72] SMEGAL, JOHN ANTHONY, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[54] **SYSTEMES ET PROCEDES PERMETTANT DE SURVEILLER EN TEMPS REEL LA FORMATION DES HYDRATES DE GAZ**
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[72] ALMOND, STEPHEN W., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[72] HENNENFENT, GILLES, US
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[54] **CONCEPTION DE BUSE AMELIOREE POUR SYSTEMES DE REFROIDISSEMENT A HAUTE TEMPERATURE**
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[72] NEWTON, RAYMOND RICHARD, US
[72] FREITAS, STEPHEN GERALD, US
[72] NAZIRI, KEVIN, US
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[54] **APPAREIL ET PROCEDE POUR LA SYNTHESE EFFICACE DE SINUSOIDES ET DE BALAYAGES EN UTILISANT DES MOTIFS SPECTRAUX**
[72] DISCH, SASCHA, DE
[72] SCHUBERT, BENJAMIN, DE
[72] GEIGER, RALF, DE
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[54] **INJECTEUR DE CABLE POUR DEPLOYER UN SYSTEME DE LEVAGE ARTIFICIEL**
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[72] BESPALOV, EUGENE, FR
[72] WETZEL, JAMES RUDOLPH, US
[72] CROWLEY, MATTHEW, US
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[54] **DISPOSITIF ET PROCEDE DE FABRICATION D'UNE SEMELLE DE LONGERON DE PALE DE ROTOR**
[72] BENDEL, URS, DE
[72] ZELLER, LENZ SIMON, DE
[72] EYB, ENNO, DE
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[54] **CABLE, ELECTRONIC DEVICE, AND METHOD FOR CONTROLLING ELECTRONIC DEVICE**
[54] **DISPOSITIF ELECTRONIQUE ET PROCEDE DE COMMANDE D'UN DISPOSITIF ELECTRONIQUE**
[72] SUZUKI, KAZUYOSHI, JP
[72] ICHIMURA, GEN, JP
[72] SUZUKI, HIDEYUKI, JP
[72] TOBA, KAZUAKI, JP
[72] YAMAMOTO, MASANARI, JP
[71] SONY CORPORATION, JP
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[54] **BATTERIES A METAL LIQUIDE A BASSE TEMPERATURE DESTINEES A UN STOCKAGE A L'ECHELLE DU RESEAU ELECTRIQUE**
[72] SPATOCCO, BRIAN L., US
[72] BURKE, PAUL J., US
[72] SADOWAY, DONALD R., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
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[54] **INHIBITEURS DE GDF-8**
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[72] DING, PINGYU, US
[72] SINGH, RAJINDER, US
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[72] KINSELLA, TODD, US
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[54] **PROCEDE DE REFROIDISSEMENT D'UNE FRACTION RICHE EN HYDROCARBURES**
[72] KAMANN, MARTIN, DE
[72] JUNGFER, BERND, DE
[72] BURMBERGER, STEPHAN, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
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[54] **PROCEDES ET SYSTEMES D'IMAGERIE ET D'ANALYSE MICROFLUIDIQUE**
[72] ISMAGILOV, RUSTEM F., US
[72] SELCK, DAVID, US
[72] KARYMOV, MIKHAIL, US
[72] SUN, BING, US
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
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[54] **COMPUTERIZED METHOD AND SYSTEM FOR MANAGING NETWORKED SECURE COLLABORATIVE EXCHANGE ENVIRONMENT**
[54] **PROCEDE INFORMATISE ET SYSTEME PERMETTANT DE GERER UN ENVIRONNEMENT D'ECHANGES COLLABORATIFS SECURISES EN RESEAU**
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[72] FORD, CHRISTOPHER TODD, US
[72] LIRIO, DARIO R., US
[72] MCCARTHY, KEVIN L., US
[72] MIHARIA, ANUPAM, US
[72] MORPARIA, HARSHAL, US
[72] PLANTE, PHILLIP J., US
[72] PORZIO, MATTHEW A., US
[72] ROZIN, LIVIU, US
[72] SOTNIKOV, ANVER, US
[72] WELLSCHLAGER, MATTHEW T., US
[72] WHINSTON, STEPHEN ALEXANDER, US
[72] WHITCHELO, PHILIP A., GB
[72] BRANTON, GRANT, GB
[72] PARASCANDOLO, MARK RICHARD, GB
[72] YICK, JOHNSON JUN SING, CN
[72] CALLISON, WADE MICHAEL, US
[72] SIDDIQUI, FAHIM, US
[72] CROWELL, TALBOTT, US
[71] INTRALINKS, INC., US
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[54] **BULK-SIZE NANOSTRUCTURED MATERIALS AND METHODS FOR MAKING THE SAME BY SINTERING NANOWIRES**
[54] **MATERIAUX NANOSTRUCTURES VOLUMINEUX ET LEURS PROCEDES DE FABRICATION PAR FRITTAGE DE NANOFILS**
[72] REIFENBERG, JOHN, US
[72] LEBLANC, SANIYA, US
[72] SCULLIN, MATTHEW, US
[71] ALPHABET ENERGY, INC., US
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[54] **SYSTEMS AND METHODS FOR FACET JOINT TREATMENT**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT DE FACETTES ARTICULAIRES**
[72] ASSELL, ROBERT L., US
[72] BEAUBIEN, BRIAN P., US
[72] STASSEN, DAVID W., US
[71] ZYGA TECHNOLOGY, INC., US
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[54] **THERMOMECHANICAL PROCESSING OF HIGH STRENGTH NON-MAGNETIC CORROSION RESISTANT MATERIAL**
[54] **TRAITEMENT THERMOMECANIQUE DE MATERIAU RESISTANT A LA CORROSION NON MAGNETIQUE A RESISTANCE ELEVEE**
[72] FORBES JONES, ROBIN M., US
[72] SMITH, GEORGE J., JR., US
[72] FLODER, JASON P., US
[72] THOMAS, JEAN-PHILIPPE A., US
[72] MINISANDRAM, RAMESH S., US
[71] ATI PROPERTIES, INC., US
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[54] **DISCONTINUOUS RECEPTION METHOD AND USER EQUIPMENT USING THE SAME**
[54] **PROCEDE DE RECEPTION DISCONTINUE ET EQUIPEMENT UTILISATEUR L'UTILISANT**
[72] LU, QIANXI, CN
[72] ZHAO, ZHENSHAN, CN
[71] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
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[54] **BOUCHON DE PONT ERODABLE DANS DES APPLICATIONS DE FRACTURATION**
[72] JORDAN, HENRY JOE, JR., US
[71] DOWNHOLE INNOVATIONS, LLC, US
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[54] **MACHINE POUR LA PREPARATION DE BOISSONS**
[72] KOLLEP, ALEXANDRE, CH
[72] FLICK, JEAN-MARC, CH
[72] BONACCI, ENZO, CH
[71] NESTEC S.A., CH
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[54] **LOCATING UNDERGROUND MARKERS**
[54] **LOCALISATION DE MARQUEURS SOUTERRAINS**
[72] APPLEBY, RODNEY, AU
[72] THIEL, DAVID, AU
[72] MAGGS, MICHAEL, AU
[72] SPATHIS, ALEX, AU
[71] ORICA INTERNATIONAL PTE LTD, SG
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[54] **BOUCHON DE CONDUIT POUR OUVERTURE DE TERMINAISON DE CONDUIT**
[72] HARMAN, RODNEY JAMES, CA
[71] HARMAN, RODNEY JAMES, CA
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[54] **BATTERIE AU LITHIUM-ION**
[72] LAMPE-ONNERUD, MARIA CHRISTINA, US
[72] ONNERUD, TORD PER JENS, US
[71] CLOTEAM, LLC, US
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[25] EN
[54] **ENCODER, DECODER AND METHODS FOR BACKWARD COMPATIBLE MULTI-RESOLUTION SPATIAL-AUDIO-OBJECT-CODING**
[54] **CODEUR, DECODEUR ET PROCEDES POUR CODAGE D'OBJET AUDIO SPATIAL MULTI-RESOLUTION RETROCOMPATIBLE**
[72] DISCH, SASCHA, DE
[72] FUCHS, HARALD, DE
[72] PAULUS, JOUNI, DE
[72] TERENTIV, LEON, DE
[72] HELLMUTH, OLIVER, DE
[72] HERRE, JURGEN, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **EXTRUSION PRESS DIE ASSEMBLY**
[54] **ENSEMBLE MATRICE DE PRESSE A EXTRUSION**
[72] DENISON, MARK R., US
[71] MANCHESTER COPPER PRODUCTS, LLC, US
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[54] **SYSTEMS AND METHODS FOR COOLING EXTRUDED MATERIALS**
[54] **SYSTEMES ET PROCEDES DE REFROIDISSEMENT DE MATERIAUX EXTRUDES**
[72] STEWART, CHARLES L., US
[72] DENISON, MARK R., US
[72] WESSNER, ROBERT, US
[71] MANCHESTER COPPER PRODUCTS, LLC, US
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[54] **SOLVENT EXTRACTION FOR PREPARING A SALT OF A SULFURIZED ALKYL-SUBSTITUTED HYDROXYAROMATIC COMPOSITION**
[54] **EXTRACTION PAR SOLVANT POUR LA PREPARATION D'UN SEL D'UNE COMPOSITION HYDROXYAROMATIQUE A SUBSTITUTION ALKYLE SULFUREE**
[72] MAHIEUX, CEDRICK, US
[72] DUTTA, RICHARD PRAN, US
[72] CAMPBELL, CURTIS BAY, US
[72] YIP, BENJAMIN DAVID, US
[71] CHEVRON ORONITE COMPANY LLC, US
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[54] **ADAPTIVE PREFIX DELEGATION**
[54] **DELEGATION DE PREFIXES ADAPTATIVE**
[72] GRUNDEMAN, CHRISTOPHER, US
[72] DONLEY, CHRISTOPER J., US
[71] CABLE TELEVISION LABORATORIES, INC., US
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[25] EN
[54] **APPARATUS AND METHOD FOR DISPENSING SHAVED FROZEN PRODUCTS**
[54] **APPAREIL ET PROCEDE POUR DISTRIBUER DES PRODUITS CONGELES PILES**
[72] COLWELL, SCOTT, CA
[72] DOBROWNEY, RICHARD, CA
[71] CORPORATE GROWTH AND DEVELOPMENT INC. DBA FRUKT SNO, CA
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[54] **BIOCIDAL COMPOSITIONS COMPRISING IRON CHELATORS**
[54] **COMPOSITIONS BIOCIDES COMPORTANT DES CHELATEURS DU FER**
[72] POLSON, GEORGE, US
[72] JOURDEN, JODY, US
[72] ZHENG, QI, US
[72] PRIOLI, REGINA M., US
[72] CICCOGNANI, DIANA, US
[72] CHOI, SUNGMEE, US
[71] ARCH CHEMICALS, INC., US
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[54] **METHODS OF TREATING CANCER**
[54] **METHODES DE TRAITEMENT DU CANCER**
[72] KNUTSON, SARAH K., US
[72] WARHOLIC, NATALIE, US
[72] KEILHACK, HEIKE, US
[71] EPIZYME, INC., US
[85] 2015-04-08
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[54] **RACCORD DE TONNELET**
[72] PEIRSMAN, DANIEL, BE
[72] VALLES, VANESSA, BE
[72] VANDEKERCKHOVE, STIJN, BE
[71] ANHEUSER-BUSCH INBEV SA, BE
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[54] **PROCEDE ET APPAREIL POUR FORMER DES FIBRES VITREUSES SYNTHETIQUES**
[72] SOLVANG, METTE, DK
[72] GROVE-RASMUSSEN, SVEND, DK
[72] HANSEN, LARS ELMEKILDE, DK
[71] ROCKWOOL INTERNATIONAL A/S, DK
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[54] **APPAREIL INTRODUCTEUR DE BILLES A MISE EN PRESSION**
[72] ARTHERHOLT, DANNY, US
[72] MCGUIRE, BOB, US
[72] GARDNER, JEREMY, US
[72] ARTHERHOLT, DENNIS, US
[71] OIL STATES ENERGY SERVICES, L.L.C., US
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[25] EN
[54] **PROCESS AND APPARATUS FOR FORMING MAN-MADE VITREOUS FIBRES**
[54] **PROCEDE ET APPAREIL POUR FORMER DES FIBRES VITREUSES SYNTHETIQUES**
[72] SOLVANG, METTE, DK
[72] GROVE-RASMUSSEN, SVEND, DK
[72] HANSEN, LARS ELMEKILDE, DK
[71] ROCKWOOL INTERNATIONAL A/S, DK
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[25] EN
[54] **PROCESS AND APPARATUS FOR FORMING MAN-MADE VITREOUS FIBRES**
[54] **PROCEDE ET DISPOSITIF POUR FORMER DES FIBRES VITREUSES SYNTHETIQUES**
[72] SOLVANG, METTE, DK
[72] GROVE-RASMUSSEN, SVEND, DK
[72] HANSEN, LARS ELMEKILDE, DK
[71] ROCKWOOL INTERNATIONAL A/S, DK
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[54] **EXHAUST GAS COLLECTOR AND GAS TURBINE**
[54] **COLLECTEUR DE GAZ D'ECHAPPEMENT ET TURBINE A GAZ**
[72] TOZZI, BENEDETTO, IT
[72] MEI, LUCIANO, IT
[72] LANDI, GIACOMO, NO
[71] NUOVO PIGNONE SRL, IT
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[54] **VANNE A USAGE UNIQUE**
[72] VALEMBOIS, GUY, FR
[72] DILHAN, DENIS, FR
[72] SALVETAT, BERNARD, FR
[71] CONSEIL ET TECHNIQUE, FR
[71] CENTRE NATIONAL D'ETUDES SPATIALES CNES, FR
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[54] **DETERGENT POUR DIESEL SANS SURCHARGE DE FAIBLE POIDS MOLECULAIRE**
[72] BUSH, JAMES H., US
[72] BARBOUR, ROBERT H., GB
[72] MORETON, DAVID J., GB
[72] GREENFIELD, HANNAH, GB
[72] STEVENSON, PAUL R., GB
[72] ARTERS, DAVID C., US
[71] THE LUBRIZOL CORPORATION, US
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[25] EN
[54] **METHOD FOR HYDROLYSIS OF PELLETIZABLE BIOMASSES USING HYDROHALIC ACIDS**
[54] **PROCEDE D'HYDROLYSE DE BIOMASSES PELLETISABLES AU MOYEN D'ACIDES HALOGENOHYDRIQUES**
[72] SCHMIDT, MATTHIAS, DE
[72] KOSE, FRANK, DE
[71] GREEN SUGAR GMBH PRODUKTINNOVATIONEN AUS BIOMASSE, DE
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[54] **UNDUCTED THRUST PRODUCING SYSTEM**
[54] **SYSTEME DE PRODUCTION DE POUSSEE SANS CONDUIT**
[72] BREEZE-STRINGFELLOW, ANDREW, US
[72] KHALID, SYED ARIF, US
[72] SMITH, LEROY HARRINGTON, JR., US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2015-04-09
[86] 2013-10-23 (PCT/US2013/066383)
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[30] US (61/717,445) 2012-10-23
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[25] EN
[54] **UNDUCTED THRUST PRODUCING SYSTEM ARCHITECTURE**
[54] **ARCHITECTURE DE SYSTEME DE PRODUCTION DE POUSSEE NON CARENE**
[72] ZATORSKI, DAREK TOMASZ, US
[72] HAMEL, JEFFREY ANTHONY, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2015-04-09
[86] 2013-10-23 (PCT/US2013/066392)
[87] (WO2014/066508)
[30] US (61/717,451) 2012-10-23
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[51] **Int.Cl. G01N 27/90 (2006.01) B66F 9/22 (2006.01) G01N 29/22 (2006.01) G01N 29/265 (2006.01) G01N 29/28 (2006.01)**
[25] EN
[54] **ROTARY ULTRASONIC TESTING APPARATUS WITH HYDRAULIC LIFTING UNITS**
[54] **APPAREIL D'ESSAI ULTRASONORE ROTATIF A UNITES DE LEVAGE HYDRAULIQUE**
[72] YU, XUN, CN
[72] ZHOU, HUA, CN
[72] FAN, KAI, CN
[71] GENERAL ELECTRIC COMPANY, US
[85] 2015-04-09
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[54] **APPAREIL POUR APPLIQUER UN MANCHE A UN RECIPIENT, ET SON PROCEDE**
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[72] DYGERT, DOUG, US
[72] FUTRAL, DAN, US
[71] RING CONTAINER TECHNOLOGIES, LLC, US
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[72] OZAKI, YUKIO, JP
[71] FUTABA INDUSTRIAL CO., LTD., JP
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[54] **CASE FOR REMOTE CONTROL UNITS**
[54] **BOITIER POUR UNITES DE COMMANDE A DISTANCE**
[72] NADALET, PAOLO, IT
[71] ENGINEERING DESIGN AGENCY LIMITED, GB
[85] 2015-04-09
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[54] **DERIVES D'EXENDINE-4 UTILISES EN TANT QU'AGONISTES DOUBLES DE GLP1/GLUCAGON**
[72] HAACK, TORSTEN, DE
[72] WAGNER, MICHAEL, DE
[72] HENKEL, BERND, DE
[72] STENGELIN, SIEGFRIED, DE
[72] EVERS, ANDREAS, DE
[72] BOSSART, MARTIN, DE
[71] SANOFI, FR
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[54] **PEROXIDE CROSS-LINKING OF POLYMERIC MATERIALS IN THE PRESENCE OF ANTIOXIDANTS**
[54] **RETICULATION AU PEROXYDE DE MATERIAUX POLYMERES EN PRESENCE D'ANTIOXYDANTS**
[72] MURATOGLU, ORHUN K., US
[72] ORAL, EBRU, US
[71] THE GENERAL HOSPITAL CORPORATION, US
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[54] **PROJECTILE DISPENSING SYSTEM AND USE**
[54] **SYSTEME DE DISTRIBUTION DE PROJECTILES ET SON UTILISATION**
[72] HOCHFELLNER, JOHN, CA
[72] LILLIE, KEVIN, CA
[72] MARSHALL, DAVE, CA
[71] ENVIROLOGICS ENGINEERING INC., CA
[85] 2015-04-08
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[54] **HEAT EXCHANGER AND METHOD FOR HEATING A FRACTURING FLUID**
[54] **ECHANGEUR DE CHALEUR ET PROCEDE PERMETTANT DE CHAUFFER UN LIQUIDE DE FRACTURATION**
[72] ROMEO, MARLIN, CA
[71] MARALTO ENVIRONMENTAL TECHNOLOGIES LTD., CA
[85] 2015-04-08
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[54] **CONTEXTUALLY INTELLIGENT COMMUNICATION SYSTEMS AND PROCESSES**
[54] **SYSTEMES ET PROCEDES DE COMMUNICATION CONTEXTUELLEMENT INTELLIGENTE**
[72] BJONTEGARD, BERNT ERIK, US
[71] BJONTEGARD, BERNT ERIK, US
[85] 2015-04-07
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[54] **SYSTEMS AND METHODS FOR PROVIDING COMPUTER-AUTOMATED ADJUSTING ENTRIES**
[54] **SYSTEMES ET METHODES PERMETTANT DE FOURNIR DES ECRITURES D'AJUSTEMENT AUTOMATISEES PAR ORDINATEUR**
[72] STONG, DENNIS, US
[71] STONG, DENNIS, US
[85] 2015-04-07
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[54] **DISUBSTITUTED AMINO ACIDS AND METHODS OF PREPARATION AND USE THEREOF**
[54] **ACIDES AMINES DISUBSTITUES ET PROCEDES DE PREPARATION ET D'UTILISATION DE CEUX-CI**
[72] DARLAK, KRZYSZTOF, US
[72] KAWAHATA, NORIYUKI, US
[72] ATHAMNEH, SAMEER AHMED, US
[71] AILERON THERAPEUTICS, INC., US
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[54] HEALTHCARE FACILITY NAVIGATION METHOD AND SYSTEM
[54] PROCEDE ET SYSTEME DE NAVIGATION DANS UN ETABLISSEMENT DE SOINS DE SANTE
[72] RENNICKS, KENNETH WAYNE, US
[72] HERLIHY, JAMES PATRICK, US
[72] JOE, JOSEPH C., US
[72] SMITH, JOHN, US
[71] ARTIUS MEDSOFT INC., US
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[54] MOTEURS CHIMIQUES ET PROCEDES POUR LEUR UTILISATION, EN PARTICULIER DANS L'INJECTION DE FLUIDES HAUTEMENT VISQUEUX
[72] HEINTZ, AMY M., US
[72] BENNISON, CORRIE, US
[72] MUENZER, CHRISTOPHER H., US
[72] BLUM, TIMOTHY M., US
[72] MCKENZIE, CHRISTOPHER P., US
[72] MADLAND, STEVEN M., US
[72] ELLIS, JEFFREY L., US
[72] KASEMAN, BRIAN, US
[72] SHQUAU, KRENAR, US
[71] ELI LILLY AND COMPANY, US
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[54] CLE AYANT UN APPAREIL PERMETTANT D'AMELIORER LA PREHENSION
[72] WATSON, BROCK, US
[72] ROGER, SCHULTZ, US
[71] THRU TUBING SOLUTIONS, INC., US
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[54] DRILL PIPE PERFORATOR APPARATUS AND METHOD OF USE
[54] APPAREIL DE PERFORATION A TIGE DE FORAGE ET PROCEDE D'UTILISATION
[72] FEARS, BRETT, US
[72] BURKE, JASON, US
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[54] PROCEDE SOUPLE D'EXTRACTION DE BUTADIENE
[72] BRUMMER, ROBERT JOHN, US
[72] DWYER, THOMAS ALEXANDER, US
[71] LUMMUS TECHNOLOGY INC., US
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[54] MONITORING TEMPERATURE WITH FLUORESCENCE
[54] SURVEILLANCE DE TEMPERATURE PAR FLUORESCENCE
[72] SANFORD, LINDSAY N., US
[72] WITTWER, CARL T., US
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
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[54] ADHESIVES AND RELATED METHODS
[54] ADHESIFS ET PROCEDES ASSOCIES
[72] ZAJACZKOWSKI, MICHAEL, US
[72] WATERMAN, MICHAEL T., US
[72] HEIMBACH, KYLE R., US
[72] BARTHOLOMEW, ERIC L., US
[72] MILLER, BRANDON S., US
[71] AVERY DENNISON CORPORATION, US
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[54] **METHOD AND SYSTEM OF KNOWLEDGE TRANSFER BETWEEN USERS OF A SOFTWARE APPLICATION**
[54] **PROCEDE ET SYSTEME DE TRANSFERT DE CONNAISSANCES ENTRE DES UTILISATEURS D'UNE APPLICATION LOGICIELLE**
[72] KUMAR, AMIT, US
[72] DAVIS, BRIAN D., US
[71] LANDMARK GRAPHICS CORPORATION, US
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[54] **APPAREIL, PROCEDES ET SYSTEMES DE CONFIGURATION A DEFINITION AUTOMATIQUE**
[72] BETHANCOURT, WILLIAM DAVID, US
[72] SRIDHARAN, RANGANATHAN, US
[72] LIN, JAMES, US
[72] KRISNA, ANDRE, US
[72] GOLLA, CHRISTOPHER, US
[72] PATEL, BHARGAV, US
[72] SIMEONOV, SVETOZAR, US
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[54] **FLEXIBLE OPTICAL CIRCUIT, CASSETTES, AND METHODS**
[54] **CIRCUIT OPTIQUE FLEXIBLE, CASSETTES ET PROCEDES**
[72] SCHNEIDER, PAUL, NL
[72] DORRESTEIN, ALEXANDER, NL
[72] EBERLE, JAMES JOSEPH, US
[71] TYCO ELECTRONICS NEDERLAND BV, NL
[71] TYCO ELECTRONICS CORPORATION, US
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[54] **SYSTEMES DE VAPORISATION DE LIQUIDE ET PROCEDES D'UTILISATION**
[72] ROSOCHA, LOUIS, US
[72] MORGAN, LOWELL, US
[72] KAST, GEORGE, US
[71] ADVANCED OXIDATION REDUCTION TECHNOLOGIES, LLC, US
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[54] **MARQUEURS GENETIQUES ASSOCIES A DES ASD ET D'AUTRES TROUBLES DE RETARD DU DEVELOPPEMENT CHEZ L'ENFANT**
[72] HENSEL, CHARLES HENRY, US
[71] LINEAGEN, INC., US
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[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 50/30 (2012.01)**
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[54] **ANALYZING MARKET RESEARCH SURVEY RESULTS USING SOCIAL NETWORKING ACTIVITY INFORMATION**
[54] **ANALYSE DE RESULTATS D'ETUDES DE MARCHE A L'AIDE D'INFORMATIONS D'ACTIVITE SUR DES RESEAUX SOCIAUX**
[72] ROSSENGERG, JOEL LYNN, US
[72] MCGILL, JAMES BRIAN KING, CA
[72] LEUNG, DANIEL TAK YIU, CA
[71] LIGHTSPEED ONLINE RESEARCH, INC., US
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[54] DERIVES DE 5-PHENOXY-3H-PYRIMIDIN-4-ONE ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE LA TRANSCRIPTASE INVERSE DU VIH
[72] ARRINGTON, KENNETH L., US
[72] BURGEY, CHRISTOPHER, US
[72] GILFILLAN, ROBERT, US
[72] HAN, YONGXIN, CN
[72] PATEL, MEHUL, US
[72] LI, CHUN SING, CN
[72] LI, YAOZONG, CN
[72] LUO, YUNFU, CN
[72] XU, JIAYI, US
[71] MERCK SHARP & DOHME CORP., US
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[25] EN
[54] INJECTABLE STERILE AQUEOUS FORMULATION BASED ON CROSSLINKED HYALURONIC ACID AND ON HYDROXYAPATITE FOR AESTHETIC USE
[54] FORMULATION AQUEUSE STERILE INJECTABLE A BASE D'ACIDE HYALURONIQUE RETICULE ET D'HYDROXYAPATITE POUR USAGE ESTHETIQUE
[72] GAVARD MOLLIARD, SAMUEL., FR
[71] ANTEIS S.A., CH
[85] 2015-04-01
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[87] (WO2014/056722)
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[51] Int.Cl. B66B 13/14 (2006.01) B66B 13/26 (2006.01)
[25] EN
[54] DEVICE FOR PREVENTING EXCESSIVE SPEED OF A DOOR LEAF CAUSED BY A POWER ACCUMULATOR
[54] DISPOSITIF PERMETTANT D'EVITER UNE VITESSE EXCESSIVE D'UN BATTANT DE PORTE DUE A UN ACCUMULATEUR D'ENERGIE
[72] SAX, PETER, CH
[72] STOCKER, HANSUELI, CH
[71] INVENTIO AG, CH
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[54] TECHNOLOGIE DE SEPARATION ACOUSTOPHORETIQUE UTILISANT DES ONDES STATIONNAIRES MULTIDIMENSIONNELLES
[72] LIPKENS, BART, US
[72] DIONNE, JASON, US
[72] PRESZ, WALTER, JR., US
[72] KENNEDY, THOMAS J., III, US
[71] FLODESIGN SONICS, INC., US
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[54] PROCEDE POUR DETERMINER UNE REGION KARSTIQUE
[72] CORRE, BERNARD, FR
[72] HENRIQUEL, PATRICK, FR
[72] LAPOINTE, PHILIPPE, FR
[72] LABOURDETTE, RICHARD, FR
[72] BIVER, PIERRE, FR
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[30] US (61/710 371) 2012-10-05

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[54] **BIOLOGICAL PROBES AND THE USE THEREOF**
[54] **SONDES BIOLOGIQUES ET LEUR UTILISATION**
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[72] BALMFORTH, BARNABY, GB
[72] SOARES, BRUNO FLAVIO NOGUEIRA DE SOUSA, GB
[72] ISAAC, THOMAS HENRY, GB
[72] BREINER, BORIS, GB
[72] NATALE, ALESSANDRA, GB
[72] AMASIO, MICHELE, GB
[71] BASE4 INNOVATION LTD, GB
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[25] EN
[54] **METHOD FOR THE REGISTRATION AND CERTIFICATION OF RECEIPT OF ELECTRONIC MAIL**
[54] **PROCEDE POUR L'ENREGISTREMENT ET LA CERTIFICATION DU RECU D'UN COURRIER ELECTRONIQUE**
[72] SAPENA SOLER, FRANCISCO, ES
[71] LLEIDANETWORKS SERVEIS TELEMATICS, S.A., ES
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[54] **DISTRIBUTEUR AUTOMATIQUE DE BOISSON**
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[72] BONACCI, ENZO, CH
[71] NESTEC S.A., CH
[85] 2015-04-08
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[72] HACHET, EMILIE, FR
[72] CATARGI, BOGDAN, FR
[72] RAVAINE, VALERIE, FR
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[72] HO, THE HIEN, FR
[72] PASCUAL, SAGRARIO, FR
[72] MONTEMBAULT, VERONIQUE, FR
[71] UNIVERSITE DU MAINE, FR
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[72] LANDAIS, LAURENT FRANCOIS GERARD, FR
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[54] **MATERIAU FILTRANT IGNIFUGE A HAUTE CAPACITE D'ACCUMULATION DE POUSSIERES POUR LA FILTRATION DE GAZ**
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[72] HORL, WERNER, DE
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[54] **COMPOSITION DE POLYETHYLENE AYANT UN TAUX DE GONFLEMENT ELEVE**
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[72] WIESECKE, JENS, DE
[72] MARCZINKE, BERND L., DE
[72] MEIER, GERHARDUS, DE
[72] SCHULLER, ULF, DE
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[72] BEHMKE, MICHAEL, DE
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[72] ROBERTS, MICHAEL J., US
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[54] **PROCEDE DE FABRICATION D'AU MOINS UNE PIECE METALLIQUE DE TURBOMACHINE**
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[72] DIGARD BROU DE CUISSART, SEBASTIEN, FR
[72] MINEUR-PANIGEON, MARIE, FR
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[54] **APPAREIL ELECTROMENAGER DE PREPARATION CULINAIRE COMPORTANT UN DISPOSITIF D'INTRODUCTION D'ALIMENTS**
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[72] RAUDE, CHRISTIAN, FR
[72] SUBERBIE, NICOLAS, FR
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[54] **SOLUTIONS ET METHODES DE FABRICATION DE SOLUTIONS POUR TUER OU DESACTIVER DES SPORES, DES MICRO-ORGANISMES, DES BACTERIES ET DES CHAMPIGNONS**
[72] GRAY, ROBERT, US
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[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT DE LA SCLEROSE EN PLAQUES ET DE TROUBLES ASSOCIES**
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[54] **PROCEDE ET DISPOSITIF DE MESURE ET DE COMMANDE DE DOSAGE DE PETITE QUANTITE DE FLUIDE AU MOYEN D'UNE AIGUILLE RESONANTE ET AIGUILLE RESONANTE APPROPRIEE POUR CE BUT**
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[54] **AMIDON PREGELATINISE DE VISCOSITE MOYENNE ET PRODUIT, SUSPENSION ET PROCEDES ASSOCIES**
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[72] LEE, CHRIS C., US
[72] CHAN, CESAR, US
[72] SONG, WEIXIN D., US
[71] UNITED STATES GYPSUM COMPANY, US
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[54] **COMPOSES SPIROPIPERIDINYLIQUES SUBSTITUES UTILES COMME AGONISTES DE GPR120**
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[72] CHU, HONG DONG, US
[72] COX, JASON M., US
[72] DEBENHAM, JOHN S., US
[72] EAGEN, KEITH, US
[72] LAN, PING, US
[72] LONDON, CLARE, US
[72] PLOTKIN, MICHAEL A., US
[72] SHAH, UNMESH, US
[72] SINZ, CHRISTOPHER JOSEPH, US
[72] SUN, ZHONGXIANG, US
[72] VACCARO, HENRY M., US
[72] VENKATRAMAN, SKIKANTH, US
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[54] **PROCEDE ET SYSTEME DE TRAITEMENT DE TISSU BIOLOGIQUE**
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[54] **CLAPET DE PURGE VARIABLE DE MOTEUR A TURBINE A GAZ POUR EXTRACTION DE GLACE**
[72] PRITCHARD, BYRON ANDREW, JR., US
[72] HOLM, RAYMOND GUST, US
[72] CALIFF, CHARLES DANIEL, US
[72] PEZZI, PAUL ALFRED, US
[72] VAN DE WALL, ALLAN GEORGE, US
[72] WOOD, PETER JOHN, US
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[54] **ENROBAGE PROTECTEUR EN SACCHARIDE POUR CONDITIONNEMENT PHARMACEUTIQUE**
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[72] FISK, THOMAS E., US
[72] ABRAMS, ROBERT S., US
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[54] **INACTIVATION PROTEOLYTIQUE DE PROTEINES SELECTIONNEES DANS DES EXTRAITS BACTERIENS DESTINES A UNE EXPRESSION AMELIOREE**
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[72] MURRAY, CHRISTOPHER J., US
[72] YANG, JUNHAO, US
[72] STEPHENSON, HEATHER, US
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[54] **ENSEMBLE DE BOURRE AVEC FORME DE COUCHE D'ETANCHEITE AMELIOREE**
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[72] PESSIN, JEAN-LOUIS, FR
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[54] **PROCEDES ET SYSTEMES POUR ETABLIR DES PARAMETRES, UNE LECTURE ET UNE IMAGERIE TRIDIMENSIONNELLE D'ELIMINATION D'ARTEFACT**
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[72] JONES, JESSE, US
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[54] **SYSTEMES D'INDICATION DE PARAMETRES DANS UN ENSEMBLE DE DONNEES D'IMAGERIE ET PROCEDES D'UTILISATION**
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[72] BURNETT, JOSEPH, US
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[54] **PROCEDE DE CODAGE D'UNE MATRICE, NOTAMMENT D'UNE MATRICE REPRESENTATIVE D'UNE IMAGE FIXE OU VIDEO**
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[72] BESSOU, NICOLAS, FR
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[54] **SYSTEMS AND METHODS FOR IMPLEMENTING A TRAVELER-SPECIFIC STORE USING MOBILE DEVICES IN A MOBILE RETAIL ENVIRONMENT**
[54] **SYSTEMES ET PROCEDES POUR METTRE EN OEUVRE UN MAGASIN SPECIFIQUE A UN VOYAGEUR A L'AIDE DE DISPOSITIFS MOBILES DANS UN ENVIRONNEMENT DE DETAIL MOBILE**
[72] ALDOMAR, JOSE-MANUEL, CA
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[54] **PROCEDE**
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[72] RASHIDI, NEGAR, NL
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[54] **INHIBITEURS D'ADN GYRASE DE TRAITEMENT D'INFECTIONS BACTERIENNES**
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[72] BANERJEE, ANKITA, IN
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[72] KUMAR, RAJINDER, GB
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[54] **PEINTURE MULTICOUCHE A EFFETS ET/OU COLORANTE, PROCEDE DE FABRICATION ET UTILISATION DE LADITE PEINTURE**
[72] GROENEWOLT, MATTHIJS, DE
[72] AUSTRUP, BERTHOLD, DE
[72] HUBNER, KATHARINA, DE
[72] FRANK, ANDREA, DE
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[71] TENDYRON CORPORATION, CN
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[54] **PROCEDE D'AUGMENTATION DE LA SECURITE ALIMENTAIRE PAR TRAITEMENT A HAUTE PRESSION DE MATIERES PREMIERES OU DE PRODUITS SEMI-FINIS**
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[54] **DISPOSITIF DE NETTOYAGE ET/OU DE DESINFECTION DE SURFACES ET PROCEDE CORRESPONDANT**
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[72] RUIZ BALLESTEROS, JULIO, ES
[71] ZOBELE ESPANA, S.A., ES
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[54] **APPAREIL DE DESINFECTION ET DE STERILISATION PAR PLASMA GAZEUX**
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[71] CREO MEDICAL LIMITED, GB
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[72] KNOLKER, HANS-JOACHIM, DE
[72] FRIEDRICHSON, TIM, DE
[72] JENNINGS, GARY, DE
[72] BRAXMEIER, TOBIAS, DE
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[54] **REFROIDISSEMENT A ABSORPTION POUR CHARIOTS ET COMPARTIMENTS D'AVION**
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[72] MASSET, FRANCK, FR
[72] BRUNAUX, YANNICK, FR
[72] HOOGEVEEN, ANDREAS, NL
[72] MUYU, FREDRIC, DE
[72] TOCHON, PATRICE, FR
[72] FOURMIGUE, JEAN-FRANCOIS, FR
[72] BOUDEHENN, FRANCOIS, FR
[72] BOURDON, DELPHINE, FR
[72] COLASSON, STEPHANE, FR
[71] DRIESSEN AEROSPACE GROUP NV, NL
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[54] **A SYSTEM FOR IMPLEMENTING INTERNET-BASED GAMES WITH A CORE PLATFORM, GAME MODULES, AND PROTECTED GAME OUTCOME GENERATOR**
[54] **SYSTEME PERMETTANT D'EXECUTER DES JEUX INTERNET AVEC UNE PLATEFORME CENTRALE, MODULES DE JEU ET GENERATEUR DE RESULTATS DE JEU PROTEGES**
[72] SZENDEL, JAMES ALLAN, US
[72] BEASON, STEVEN WAYNE, US
[72] IRWIN, KENNETH EARL, JR., US
[72] PULASKI, KIRT WILLIAM, US
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[54] **COMBINAISONS AVEC UN PEPTIDE A SQUELETTE CYCLISE**
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[72] OBRECHT, DANIEL, CH
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[54] **AMELIORATION D'UN PROCESSUS DE FABRICATION DE PLATRE**
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[72] PERRI, CARMINE, US
[71] GEORGIA-PACIFIC GYPSUM LLC, US
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[54] **NOUVEAU PROCEDE POUR LA PREPARATION DE CEFTAROLINE FOSAMIL**
[72] STURM, HUBERT, AT
[72] WIESER, JOSEF, AT
[71] SANDOZ AG, CH
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[54] **MULTIPLE-BED DOWNFLOW REACTOR COMPRISING A MIXING DEVICE, USE OF SAID REACTOR, AS WELL AS MIXING METHOD**
[54] **REACTEUR A CIRCULATION DESCENDANTE A PLUSIEURS LITS COMPORTANT UN DISPOSITIF DE MELANGE, UTILISATION DUDIT REACTEUR, AINSI QU'UN PROCEDE DE MELANGE**
[72] DEGALEESAN, SUJATA, US
[72] WITKAMP, BENOIT, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[54] **DETERMINATION D'ETAT(S) PHYSIOLOGIQUE(S) D'UN ORGANISME EN FONCTION DE DONNEES DETECTEES PAR DES CAPTEURS EN MOUVEMENT**
[72] LUNA, MICHAEL EDWARD SMITH, US
[72] SAHA, SANKALITA, US
[72] FULLAM, SCOTT, US
[71] ALIPHCOM, US
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[54] **DIRECTIONAL DRILLING CONTROL USING A BENDABLE DRIVESHAFT**
[54] **COMMANDE DE FORAGE DIRECTIONNEL A L'AIDE D'UN ARBRE DE COMMANDE PLIABLE**
[72] SITKA, MARK A., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SYSTEME ET PROCEDE POUR UNE CONFIDENTIALITE DE MACHINE A MACHINE ET DES TRANSACTIONS DE SECURITE EFFECTUEES PAR DES COURTIERS**
[72] MULHEARN, PATRICK F.X., US
[72] HEARN, FRANCIS J., US
[71] MOBILE SEARCH SECURITY LLC, US
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[71] ACORN INTELLECTUAL PROPERTIES LIMITED, GB
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[54] **ELEMENT DE FIXATION, DISPOSITIF DE FIXATION, ET APPAREIL DE FORMATION D'IMAGE**
[72] KONDOH, TSUNEAKI, JP
[72] NATORI, JUNICHIRO, JP
[72] SUGAWARA, TOMOAKI, JP
[71] RICOH COMPANY, LTD., JP
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[54] **COATING MATERIAL COMPOSITIONS AND COATINGS PRODUCED THEREFROM COMBINING HIGH SCRATCH RESISTANCE WITH GOOD POLISHABILITY AND GOOD OPTICAL PROPERTIES, AND USE THEREOF**
[54] **COMPOSITIONS D'AGENTS DE REVETEMENT ET REVETEMENTS PRODUITS A PARTIR DESDITES COMPOSITIONS ET PRESENTANT A LA FOIS UNE RESISTANCE ELEVEE AUX RAYURES, UNE BONNE APTITUDE AU POLISSAGE ET DES BONNES CARACTERISTIQUES ESTHETIQUES, ET UTILISATION DESDITES COMPOSITIONS**
[72] GROENEWOLT, MATTHIJS, DE
[72] AUSTRUP, BERTHOLD, DE
[72] HUBNER, KATHARINA, DE
[72] MULLER, JORG, DE
[72] HANNING, SILKE, DE
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[54] **ENSEMBLE DE REGULATION DE DEBIT**
[72] MURDOCH, EUAN, GB
[71] PETROWELL LIMITED, GB
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[54] **SEPARATING DEVICE AND SEPARATING METHOD OF MATERIAL OF ABSORBENT ARTICLE**
[54] **PROCEDE DE SEPARATION ET DISPOSITIF DE SEPARATION DE MATERIAUX FAISANT PARTIE D'UN ARTICLE ABSORBANT**
[72] HAYASHI, TOMOKI, JP
[72] OYAMA, HIDETAKA, JP
[72] KAGAWA, MASASHI, JP
[71] UNICHARM CORPORATION, JP
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[25] EN
[54] **SYSTEM AND METHOD FOR IMPLEMENTING INTERNET-BASED GAMES WHEREIN A PLURALITY OF DIFFERENT GAMES SHARE A COMMON PRIZE STRUCTURE**
[54] **SYSTEME ET PROCEDE DE REALISATION DE JEUX INTERNET DANS LESQUELS UNE PLURALITE DE JEUX DIFFERENTS PARTAGENT UNE STRUCTURE DE PRIX COMMUNE**
[72] IRWIN, KENNETH EARL, JR., US
[72] BEASON, STEVEN WAYNE, US
[72] BRANDSMA, MICHAEL JEFFREY, US
[72] MOUND, ANDREW JONATHAN, US
[72] SZENDEL, JAMES ALLAN, US
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[54] **ROULEAU D'AMENAGEMENT DE SUPPORT DESTINE A UNE PLATE-FORME DE TRAITE ROTATIVE**
[72] STROM, MIKAEL, SE
[71] DELAVAL HOLDING AB, SE
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[54] **DISPOSITIF D'ECARTEMENT DE JAMBES A MONTER DANS UNE STALLE DE TRAITE**
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[72] OLANDER, HENRIK, SE
[71] DELAVAL HOLDING AB, SE
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[54] **METHOD FOR INTEGRATION OF CLOSED AND OPEN LOOP DEBIT SYSTEMS WITH AN INTERNET GAMING SYSTEM**
[54] **PROCEDE D'INTEGRATION DE SYSTEMES DE DEBIT EN BOUCLE FERMEE ET OUVERTE AVEC UN SYSTEME DE JEU INTERNET**
[72] IRWIN, KENNETH EARL, JR., US
[72] BRANDSMA, MICHAEL JEFFREY, US
[71] SCIENTIFIC GAMES HOLDINGS LIMITED, IS
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[54] **REGISTERING OF A TRANSPONDER TAG VIA AN ALTERNATING ELECTROMAGNETIC FIELD**
[54] **ENREGISTREMENT D'UNE ETIQUETTE DE TRANSPONDEUR PAR L'INTERMEDIAIRE D'UN CHAMP ELECTROMAGNETIQUE ALTERNATIF**
[72] ROSENGREN, ANDERS, SE
[71] DELAVAL HOLDING AB, SE
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[54] **PROCEDE ET APPAREILS DE TAMISAGE**
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[72] NEWMAN, CHRISTIAN, US
[71] DERRICK CORPORATION, US
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[54] **SURVEILLANCE MICROBIENNE PAR QPCR SUR LA BASE D'UN CHAMP**
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[71] BAKER HUGHES INCORPORATED, US
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[54] **SYSTEME ET PROCEDE PERMETTANT DE JOUER A DES JEUX INTERNET**
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[72] LEE, MICHAEL EARL, US
[71] SCIENTIFIC GAMES HOLDINGS LIMITED, IS
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[54] **METHOD AND SYSTEM FOR AUTOMATED AND MANUAL DATA CAPTURE CONFIGURATION**
[54] **PROCEDE ET SYSTEME DE CONFIGURATION DE CAPTURE DE DONNEES AUTOMATISEE ET MANUELLE**
[72] MERG, PATRICK S., US
[72] O'MAHONY, BRENDAN J., IE
[72] BROZOVICH, ROY STEVEN, US
[71] SNAP-ON INCORPORATED, US
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[54] **APPAREIL ET PROCEDE POUR PORTER ET EXTRAIRE UNE GRENADE**
[72] MOLCHO, HAIM, IL
[72] SHAUL, NIR, IL
[71] A.C.S (ADVANCED COMBAT SOLUTIONS LTD., IL
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[54] **INHIBITEURS DE METALLOPROTEINASES MATRICIELLES ET METHODES DE TRAITEMENT DE LA DOULEUR ET D'AUTRES MALADIES**
[72] SUCHOLEIKI, IRVING, US
[71] AQUILUS PHARMACEUTICALS, INC., US
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[54] **SYSTEMES ET PROCEDES POUR AMPLIFIER LA LUMIERE**
[72] WELFORD, DAVID, US
[71] WELFORD, DAVID, US
[85] 2015-04-07
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[54] **MACHINE AND PROCESS FOR BINDING OF BOOKS FOR LAY FLAT LOOK**
[54] **MACHINE ET PROCEDE DE RELIURE DE LIVRES POUR UN ASPECT D'OUVERTURE A PLAT**
[72] PARMAR, NILESH DHIRAJLAL, IN
[71] PARMAR, NILESH DHIRAJLAL, IN
[85] 2015-03-31
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[54] **DISPOSITIF ET PROCEDE DE RECUEIL DE CO2**
[72] TSUJIUCHI, TATSUYA, US
[72] HONJO, SHINTARO, US
[72] YONEKAWA, TAKAHITO, US
[72] SUGITA, SATORU, US
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[54] **WATER INSOLUBLE COPOLYMER INCLUDING PENDANT ARYL EPOXIDE GROUPS**
[54] **COPOLYMERE INSOLUBLE DANS L'EAU COMPRENANT DES GROUPES ARYL EPOXYDE LATERAUX**
[72] SCHULTZ, ALFRED K., US
[72] CARDOEN, GREGOIRE, US
[72] HARRIS, WILLIAM L., US
[72] HARRIS, WILLIAM J., US
[72] MARSTON, CHARLES R., US
[72] MOLL, DAVID J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
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[54] **A CRADLE FOR POSITIONING A FINAL DENTAL PROSTHESIS, A SYSTEM INCORPORATING THE CRADLE AND A METHOD OF USING THE SAME**
[54] **SUPPORT DE POSITIONNEMENT D'UNE PROTHESE DENTAIRE FINALE, SYSTEME INCORPORANT LE SUPPORT ET SON PROCEDE D'UTILISATION**
[72] HARRISON, JAMES, CA
[71] HARRISON, JAMES, CA
[85] 2015-04-07
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[72] GEHRET, JOHN K., US
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[72] KEMP, NATHANIEL J., US
[72] SPROUL, JASON, US
[72] ELMAANAOUI, BADR, US
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[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **TRAITEMENT DE L'EAU DE PROCEDE A L'AIDE D'UNE TECHNIQUE D'EXTRACTION LIQUIDE-LIQUIDE**
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[72] HIGHSMITH, TENISHA, US
[72] USINOWICZ, PAUL J., US
[72] CHAUHAN, NIHARIKA, US
[72] LANE, ANN, US
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[54] **SUBSTITUTED N-(3-(PYRIMIDIN-4-YL)PHENYL)ACRYLAMIDE ANALOGS AS TYROSINE RECEPTOR KINASE BTK INHIBITORS**
[54] **ANALOGUES DE N-(3-(PYRIMIDIN-4-YL)PHENYL) SUBSTITUE UTILISES EN TANT QU'INHIBITEURS DE RECEPTEUR TYROSINE KINASE BTK**
[72] VANKAYALAPATI, HARIPRASAD, US
[72] SORNA, VENKATASWAMY, US
[72] WARNER, STEVEN L., US
[72] BEARSS, DAVID J., US
[72] SHARMA, SUNIL, US
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[54] **SYSTEME DE BIOREACTEUR A MEMBRANE UTILISANT UNE MEMBRANE A MOUVEMENT ALTERNATIF**
[72] HO, JAEHO, US
[72] SMITH, SHALEENA, US
[72] KIM, GYU DONG, US
[72] PATAMASANK, JAREN, US
[72] TONTCHEVA, PETIA, US
[72] ROH, HYUNG KEUN, US
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[54] **ALLIAGES ALUMINIUM LITHIUM 5XXX AMELIORES ET LEURS PROCEDES DE PRODUCTION**
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[72] BOVARD, FRANCINE S., US
[72] SAWTELL, RALPH R., US
[71] ALCOA INC., US
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[54] **STABILISATION THERMIQUE INTEGREE D'UN RESONATEUR A MICROANNEAU**
[72] PADMARAJU, KISHORE, US
[72] BERGMAN, KEREN, US
[72] KNIGHTS, ANDREW, CA
[72] LOGAN, DYLAN, CA
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[54] **EXHAUST GAS TREATMENT APPARATUS AND EXHAUST GAS TREATMENT METHOD**
[54] **APPAREIL DE TRAITEMENT DE GAZ D'ECHAPPEMENT ET PROCEDE DE TRAITEMENT DE GAZ D'ECHAPPEMENT**
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[54] **PHOTOCATHODE SEMI-TRANSPARENTE A TAUX D'ABSORPTION AMELIORE**
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[54] **APPAREIL ET SYSTEME DE PULVERISATION DE LIQUIDE**
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[71] DANTENG PTY LTD, AU
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[72] VERHELST, KURT THIERRY S., BE
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[54] **PROCEDE ET DISPOSITIF POUR EFFECTUER UN ACCES AU CANAL DANS UN SYSTEME WLAN**
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[72] KIM, JEONGKI, KR
[71] LG ELECTRONICS INC., KR
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[54] **METHOD AND APPARATUS FOR GAS CYLINDER SEALING**
[54] **PROCEDE ET APPAREIL POUR SCELLEMENT HERMETIQUE DE CYLINDRE DE GAZ**
[72] HOLLARS, ANTHONY, US
[72] COSTLE, CAREY, US
[71] CORAVIN, INC., US
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[54] **METHOD AND APPARATUS FOR MOTION INFORMATION PREDICTION AND INHERITANCE IN VIDEO CODING**
[54] **PROCEDE ET APPAREIL POUR UNE PREDICTION ET UN HERITAGE D'INFORMATIONS DE MOUVEMENT DANS UN CODAGE VIDEO**
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[72] CHEN, YI-WEN, CN
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[54] **PROCEDE ET APPAREIL DE GUIDAGE D'AIGUILLE D'EXTRACTION DE BOISSON**
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[72] DERUNTZ, OTTO, US
[72] RIDER, MIKE, US
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[54] **COMBUSTION SEQUENTIELLE AVEC MELANGEUR DE GAZ D'APPOINT**
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[72] TAY WO CHONG HILARES, LUIS, CH
[72] BOTHIEN, MIRKO RUBEN, CH
[72] HELLAT, JAAN, CH
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[54] **POLYPEPTIDES DERIVES DE TGF? ET LEURS UTILISATIONS**
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[72] LEON MONZON, KALET, CU
[72] CARMENATE PORTILLA, TANIA, CU
[72] PUPO MERINO, AMAURY, CU
[72] PEREZ RODRIGUEZ, SAUMEL, CU
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[54] **MOUSSE POLYURETHANE VISCOELASTIQUE**
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[72] ROGERS, CHAD ALAN, US
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[54] **DISPOSITIF ET PROCEDE D'ENCAPSULATION DE BOBINES**
[72] GRUNDMANN, JORN, DE
[72] KUMMETH, PETER, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **NOUVELLES ESTERASES DANS LE TRAITEMENT D'UNE MATIERE CELLULOSIQUE ET LIGNOCELLULOSIQUE**
[72] JARVINEN, KRISTIINA, FI
[72] JUNTUNEN, KARI, FI
[72] LEINONEN, TAIJA, FI
[72] KOMANDER, ALEXANDRA, DE
[72] LANGFELDER, KIM, DE
[72] VEHMAANPERA, JARI, FI
[72] PURANEN, TERHI, FI
[71] ROAL OY, FI
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[54] **OLIGONUCLEOTIDE INHIBITORS OF DNA METHYLTRANSFERASES AND THEIR USE IN TREATING DISEASES**
[54] **INHIBITEURS OLIGONUCLEOTIDIQUES D'ADN METHYLTRANSFERASES ET LEUR UTILISATION DANS LE TRAITEMENT DE MALADIES**
[72] SLEDZIEWSKI, ANDREW Z., US
[72] DEVOS, THEODORE, US
[72] KOLE, RYSZARD, US
[71] METHEOR THERAPEUTICS CORPORATION, US
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[54] **METHOD FOR CLEANING TANK MELTING FURNACES FOR MAKING GLASS ITEMS**
[54] **PROCEDE DE NETTOYAGE DE FOURS DE FUSION EN CUVE POUR REALISER DES ARTICLES EN VERRE**
[72] BUGNO, RICCARDO, IT
[71] FARE S.R.L., IT
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[54] **METHOD OF LOCALLY TREATING A PART MADE OF POROUS COMPOSITE MATERIAL**
[54] **PROCEDE DE TRAITEMENT LOCAL D'UNE PIECE EN MATERIAU COMPOSITE POREUX**
[72] CONETE, ERIC, FR
[72] PHILIPPE, ERIC, FR
[71] HERAKLES, FR
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[54] **SUBSTITUTED N-(3-(PYRIMIDIN-4-YL)PHENYL)ACRYLAMIDE ANALOGS AS TYROSINE RECEPTOR KINASE BTK INHIBITORS**
[54] **ANALOGUES DE N-(3-(PYRIMIDIN-4-YL)PHENYL) SUBSTITUE UTILISES EN TANT QU'INHIBITEURS DE RECEPTEUR TYROSINE KINASE BTK**
[72] VANKAYALAPATI, HARIPRASAD, US
[72] SORNA, VENKATASWAMY, US
[72] WARNER, STEVEN L., US
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[54] **METHODS OF MAKING HIGH-WEIGHT ESTERS, ACIDS, AND DERIVATIVES THEREOF**
[54] **PROCEDES DE FABRICATION D'ESTERS, D'ACIDES ET DE DERIVES DE POIDS ELEVE**
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[72] PEASE, BRIAN M., US
[72] ILSEMAN, ALEXANDER D., US
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[72] MURPHY, TIMOTHY A., US
[72] WEITKAMP, ROBIN, US
[72] MORIE-BEBEL, MICHELLE, US
[71] ELEVANCE RENEWABLE SCIENCES, INC., US
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[54] **FEUILLE D'ALLIAGE D'ALUMINIUM POUR MOULAGE PAR SOUFFLAGE ET PROCEDE DE PRODUCTION CORRESPONDANT**
[72] KUDO, TOMOYUKI, JP
[72] SAGA, MAKOTO, JP
[71] UACJ CORPORATION, JP
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[54] **NACELLE POUR TURBOREACTEUR COMPRENANT UN ENSEMBLE UNITAIRE MOBILE LE LONG D'UN ENSEMBLE DE GUIDAGE**
[72] PEYRON, VINCENT, FR
[72] VALLEROY, LAURENT GEORGES, FR
[72] BEHRAOUI, BOUZIANE, FR
[71] AIRCELLE, FR
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[54] **DISPOSITIF DE FORMATION EN INJECTION AUTOMATIQUE**
[72] ALEXANDERSSON, OSCAR, SE
[71] CAREBAY EUROPE LTD, MT
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[72] SHADWELL, PETER J., US
[72] MAZIARZ, MICHAEL W., US
[71] HANDY & HARMAN, US
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[54] **A MACHINE AND METHOD FOR INSTALLING ROCK BOLTS**
[54] **MACHINE ET PROCEDE DE MONTAGE DE BOULONS D'ANCRAGE**
[72] COMORGE, ALAIN, FR
[72] KOUHIA, ANSSI, FI
[72] RATAJ, MIECZYSLAW, AU
[72] MANTTARI, MAUNU, FI
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
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[54] **QUANTIFICATION PAR NMR D'ACIDES AMINES A CHAINE RAMIFIEE**
[72] O'CONNELL, THOMAS M., US
[72] MERCIER, KELLY A., US
[72] SHALAUROVA, IRINA Y., US
[72] OTVOS, JAMES D., US
[71] LIPOSCIENCE, INC., US
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[54] **BANDE DE REGROUPEMENT DE CHEVILLES ET PROCEDE D'INSTALLATION DE CHEVILLE**
[72] SHADWELL, PETER J., US
[72] BELINDA, RICHARD L., US
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[54] **AJUSTEMENT DE PROFONDEUR D'UNE SUPERPOSITION D'IMAGES DANS UNE IMAGE TRIDIMENSIONNELLE (3D)**
[72] ROELEN, WALTHERUS ANTONIUS HENDRIKUS, NL
[72] BARENBRUG, BART GERARD BERNARD, NL
[71] ULTRA-D COOPERATIEF U.A., NL
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[54] **PROCEDE ET APPAREIL DE TRANSMISSION DE DONNEES**
[72] GURCAN, MUSTAFA, GB
[71] IMPERIAL INNOVATIONS LIMITED, GB
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[54] **PROCESS FOR PREPARING ALKOXYCARBONYL ISOTHIOCYANATE**
[54] **PROCEDE DE PREPARATION D'ALCOXYCARBONYL ISOTHIOCYANATE**
[72] FISK, JASON S., US
[72] BLAND, DOUGLAS C., US
[72] FRYCEK, GEORGE J., US
[71] DOW AGROSCIENCES LLC, US
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[54] **PAPER WITH HIGHER OIL REPELLENCY**
[54] **PAPIER A POUVOIR OLEOFUGE AMELIORE**
[72] JOHNSTON, JAMES W., US
[72] TOWNSEND, DAVID F., US
[72] HAGIOPOL, CORNEL, US
[72] TALBERT, LAKEISHA D., US
[72] RUFFNER, CHARLES G., US
[71] GEORGIA-PACIFIC CHEMICALS LLC, US
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[54] **ICON-BASED HOME CERTIFICATION, IN-HOME LEAKAGE TESTING, AND ANTENNA MATCHING PAD**
[54] **CERTIFICATION A DOMICILE FONDEE SUR DES ICONES, PROCEDE DE RECHERCHE DE FUITES A L'INTERIEUR D'UN DOMICILE, ET PAD D'APPARIEMENT D'ANTENNES**
[72] BUSH, TERRY W., US
[72] BUSH, JOHN JOSEPH, US
[72] SUN, DEXIN, US
[71] TRILITHIC, INC., US
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[54] **REMOVAL OF CANCER CELLS BY CIRCULATING VIRUS-SPECIFIC CYTOTOXIC T-CELLS USING CANCER CELL TARGETED MHC CLASS I COMPRISING MULTI-FUNCTION PROTEINS**
[54] **ELIMINATION DE CELLULES CANCEREUSES EN FAISANT CIRCULER DES LYMPHOCYTES T CYTOTOXIQUES SPECIFIQUES D'UN VIRUS A L'AIDE DE MOLECULES DE CMH DE CLASSE I CIBLEES SUR LES CELLULES CANCEREUSES COMPRENANT DES PROTEINES MULTIFONCTIONNELLES**
[72] KNOETGEN, HENDRIK, DE
[72] SCHMITTNAEGEL, MARTINA, DE
[72] KLEIN, CHRISTIAN, CH
[72] UMANA, PABLO, CH
[71] ROCHE GLYCART AG, CH
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[54] **METHOD AND APPARATUS TO DETECT AND COMMUNICATE INFORMATION REGARDING STATE OF COMMUNICATION LINK**
[54] **PROCEDE ET APPAREIL POUR AFFICHER DES INFORMATIONS SUR UN NAVIGATEUR INTERNET EN FONCTION DE L'ETAT D'UNE LIAISON DE COMMUNICATION**
[72] MUCCIONE, STEPHEN, US
[72] THAKUR, BHUPINDER, IN
[72] PRABHU, SUSHIL, US
[72] PATHAK, VIPIN, US
[71] IKANOS COMMUNICATIONS, INC., US
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[54] **NOUVEAUX COMPOSES FLAVONOIDES ET LEURS UTILISATIONS**
[72] MCLACHLAN, GRANT ANDREW, AU
[71] ARMARON BIO PTY LTD, AU
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[54] **TOPICAL VITAMIN D AND UBIQUINOL ORAL SUPPLEMENT COMPOSITIONS**
[54] **COMPOSITIONS TOPIQUES DE COMPLEMENT ORAL A BASE DE VITAMINE D ET D'UBIQUINOL**
[72] MCHALE, WILLIAM A., US
[72] BROWN, DALE G., US
[71] PREMIER DENTAL PRODUCTS COMPANY, US
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[54] **METHOD AND APPARATUS FOR SENSING NOISE SIGNALS IN A WIRELINE COMMUNICATIONS ENVIRONMENT**
[54] **PROCEDE ET APPAREIL DE DETECTION DE SIGNAUX DE BRUIT DANS UN ENVIRONNEMENT DE COMMUNICATION FILAIRE**
[72] ALLOIN, LAURENT FRANCIS, US
[72] KEASLER, WILLIAM EDWARD JR., US
[72] PIERRUGUES, LAURENT, US
[72] MURALT, ARNOLD, US
[71] IKANOS COMMUNICATIONS, INC., US
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[54] **PRISE DE DECISION MEDICALE ET DE MODE DE VIE ASSOCIE ASSISTEE**
[72] HOLMES, ELIZABETH, US
[71] THERANOS, INC., US
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[54] **SYSTEM AND METHOD FOR CLASSIFYING AND IDENTIFYING A DRIVER USING DRIVING PERFORMANCE DATA**
[54] **SYSTEME ET PROCEDE SERVANT A CLASSIFIER ET A IDENTIFIER UN CONDUCTEUR A L'AIDE DE DONNEES SUR SA MANIERE DE CONDUIRE**
[72] FREIBERGER, AVNER, IL
[72] IZHAKY, DAVID, IL
[72] SHAMIR, ARIEL, IL
[72] STEINBERG, OREN, IL
[72] TAMIR, ASAF, IL
[71] INSURANCE SERVICES OFFICE, INC., US
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[54] **SILK RESERVOIRS FOR SUSTAINED DELIVERY OF ANTI-CANCER AGENTS**
[54] **RESERVOIRS EN SOIE POUR L'ADMINISTRATION PROLONGEE D'AGENTS ANTICANCER**
[72] KAPLAN, DAVID L., US
[72] YUCEL, TUNA, US
[72] LOVETT, MICHAEL, US
[72] WANG, XIAOQIN, US
[71] TUFTS UNIVERSITY, US
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[54] **DIMERIC COMPOUNDS**
[54] **COMPOSES DIMERES**
[72] MISCHKE, STEVEN GREGORY, US
[71] F.HOFFMANN-LA ROCHE AG, CH
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[54] **COMPOSITIONS AND METHODS FOR SUSTAINED DELIVERY OF GLUCAGON-LIKE PEPTIDE (GLP-1) RECEPTOR AGONIST THERAPEUTICS**
[54] **COMPOSITIONS ET PROCEDES POUR L'ADMINISTRATION PROLONGEE D'AGENTS THERAPEUTIQUES TELS QUE DES AGONISTES DU RECEPTEUR GLP-1**
[72] KAPLAN, DAVID L., US
[72] LOVETT, MICHAEL, US
[72] YUCEL, TUNA, US
[72] WANG, XIAOQIN, US
[71] TUFTS UNIVERSITY, US
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[54] **INTENT-BASED PRESENTATION OF SEARCH RESULTS**
[54] **PRESENTATION DE RESULTATS DE RECHERCHE SUR LA BASE D'UNE INTENTION**
[72] RAMSEY, WILLIAM, US
[72] AGRAWAL, NITIN, US
[72] DUBE, SIMANT, US
[72] GULLI, ANTONIO, US
[72] JHA, BINIT KUMAR, US
[71] MICROSOFT CORPORATION, US
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[54] **A PROCESS FOR PREPARING CURED POLYMERS**
[54] **PROCEDE DE PREPARATION DE POLYMERES VULCANISES**
[72] SIEGERS, CONRAD, CA
[72] ADKINSON, DANA K., CA
[72] DAVIDSON, GREGORY J.E., CA
[72] FERRARI, LORENZO, CA
[72] GAUTHIER, MARIO, CA
[71] LANXESS INTERNATIONAL S.A., CH
[71] UNIVERSITY OF WATERLOO, CA
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[54] **MEMORY SEGMENT REMAPPING TO ADDRESS FRAGMENTATION**
[54] **REMAPPAGE DE SEGMENTS DE MEMOIRE POUR LA FRAGMENTATION D'ADRESSE**
[72] STRAUSS, KARIN, US
[72] SMITH, BURTON J., US
[72] MCKINLEY, KATHRYN S., US
[71] MICROSOFT CORPORATION, US
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[54] **SYSTEM AND METHOD FOR DETECTING OCCLUSIONS IN A MEDICATION INFUSION SYSTEM USING PULSEWISE PRESSURE SIGNALS**
[54] **SYSTEME ET PROCEDE DE DETECTION D'OCCLUSIONS DANS UN SYSTEME DE PERFUSION DE MEDICAMENTS EN UTILISANT DES SIGNAUX DE PRESSION PAR IMPULSIONS**
[72] KEITH, STEVEN, US
[72] MCVEY, ELAINE, US
[72] TONG, FRANCES, US
[72] PETTIS, RONALD J., US
[72] HERR, JOSHUA, US
[72] KLUG, RICHARD J., US
[72] RINI, CHRISTOPHER, US
[72] BOLICK, NATASHA, US
[72] HARVEY, ALFRED JOSEPH, US
[72] SULLIVAN, VINCE J., US
[72] FERRITER, MATTHEW S., US
[71] BECTON, DICKINSON AND COMPANY, US
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[25] EN
[54] **REMINERALIZING AND DESENSITIZING COMPOSITIONS, TREATMENTS AND METHODS OF MANUFACTURE**
[54] **COMPOSITIONS DE REMINERALISATION ET DE DESENSIBILISATION, TRAITEMENTS ET PROCEDES DE FABRICATION**
[72] MCHALE, WILLIAM A., US
[72] BROWN, DALE G., US
[71] PREMIER DENTAL PRODUCTS COMPANY, US
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[54] **SYSTEME DE LEVE ELECTROMAGNETIQUE ETALONNE**
[72] DODDS, JACK, CA
[71] GEOTECH AIRBORNE LIMITED, BB
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[54] **ELECTROMAGNETIC SYSTEM UTILIZING MULTIPLE PULSE TRANSMITTER WAVEFORMS**
[54] **SYSTEME ELECTROMAGNETIQUE (EM) UTILISANT DE MULTIPLES FORMES D'ONDES D'EMETTEUR D'IMPULSION**
[72] MILES, PHILIP JOHN, CA
[72] BERRINGER, JASON CONRAD, CA
[72] CHEN, TIANYOU, CA
[72] HODGES, DAVID GREGORY, CA
[71] CGG DATA SERVICES AG, CH
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[54] **COMBINATION THERAPY OF ANTI-HER3 ANTIBODIES**
[54] **THERAPIE DE COMBINAISON AVEC DES ANTICORPS ANTI-HER3**
[72] BAUSS, FRIEDER, DE
[72] BOSSENMAIER, BIRGIT, DE
[72] FRIESS, THOMAS, DE
[72] GERDES, CHRISTIAN, CH
[72] HASMANN, MAX, DE
[72] THOMAS, MARLENE, DE
[72] WEISSER, MARTIN, DE
[71] F.HOFFMANN-LA ROCHE AG, CH
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[71] VICTORIA'S SECRET STORES BRAND MANAGEMENT, INC., US
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[72] VERMA, NEIL, US
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[72] ZDURNE, DAVID A., US
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[54] **DISPOSITIFS ANTICOLLISION SENSIBLES AU CONTEXTE ET SYSTEME ANTICOLLISION LES COMPORTANT**
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[72] BUIST, ALEXANDRE, CA
[72] CERVINKA, ALEXANDRE, CA
[71] NEWTRAX HOLDINGS INC., CA
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[54] **APPAREIL ET SYSTEME POUR FIXER UN PILIER CREUX DANS LE SOL**
[72] CHIN, MICHAEL GREGORY, CA
[71] P3 INFRASTRUCTURE CONSULTING INC., CA
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[54] **PROCEDE RELATIF A LA PREDICTION DE L'ETAT FUTUR D'UN DISPOSITIF MOBILE UTILISATEUR**
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[72] WILLIAMS, JOSHUA, US
[71] FACEBOOK, INC., US
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[54] **ECOUTEURS ET METHODE DE REALISATION D'ECOUTEURS VIBRANTS**
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[72] LI, XIAODONG, CN
[72] YUAN, LONG, CN
[71] GOERTEK INC, CN
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[71] OPENHYDRO IP LIMITED, IE
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[71] SCHLUMBERGER CANADA LIMITED, CA
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[54] APPAREILS, SYSTEMES ET PROCEDES ASSOCIES DE FORMATION DE MASSES POREUSES POUR FILTRES A FUMEE
[72] KIZER, LAWTON E., US
[72] ROBERTSON, RAYMOND M., US
[72] SANDERSON, WILLIAM S., US
[72] HUNT, DAVID G., US
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[71] CELANESE ACETATE LLC, US
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[72] VANSTEENWYK, BRETT, US
[71] SCIENTIFIC DRILLING INTERNATIONAL, INC., US
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[54] AMELIORATION DE LA FIABILITE DES DOSAGES A L'AIDE D'UNE PLATEFORME MULTI-DIVOT ET D'AMAS DE TYPE MULTI-SOURCE, MULTI-CELLULE
[72] STEHNO-BITTEL, LISA, US
[72] RAMACHANDRAN, KARTHIK, US
[72] RAWAL, SONIA, US
[71] THE UNIVERSITY OF KANSAS, US
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[54] CONFIGURATION ET PLACEMENT SPATIAL DE CAPTEURS D'ELECTRODE FRONTAUX POUR DETECTER DES SIGNAUX PHYSIOLOGIQUES
[72] COLEMAN, TODD PRENTICE, US
[72] MA, RUI, US
[72] BAJEMA, MICHAEL, US
[72] GIL DA COSTA, RICARDO, US
[72] FUNG, RAYNARD, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] THE SALK INSTITUTE FOR BIOLOGICAL STUDIES, US
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[72] POTNICK, JUSTIN, US
[72] DESELM, LIZBETH CELESTE, US
[72] CRONIN, MARK W., JR., US
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[72] CHEN, XIAOLING, US
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[72] JOHNSON, THERESA L., US
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[54] **SYSTEME CRISTALLIN MULTICOMPOSANT COMPRENANT DU NILOTINIB ET DES FORMATEURS DE CO-CRISTAL SELECTIONNES**
[72] CHIODO, TIZIANA, DE
[72] HAFNER, ANDREAS, CH
[72] HINTERMANN, TOBIAS, CH
[72] SALVADOR, BEATE, DE
[72] SZELAGIEWICZ, MARTIN, CH
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[72] HALLUNDBAEK, JORGEN, DK
[72] VASQUES, RICARDO REVES, DK
[71] WELLTEC A/S, DK
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[54] **PROCEDE DE SYNTHESE MONOTOPE DE CU-SSZ-13, COMPOSE AINSI OBTENU ET SON UTILISATION**
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[72] FRANCO, RAQUEL MARTINEZ, ES
[72] CANOS, AVELINO CORMA, ES
[72] THOGERSEN, JOAKIM REIMER, DK
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[54] **MARQUEURS DE DIAGNOSTIC MOLECULAIRE PRDM14 ET FAM19A4 POUR DES CANCERS INVASIFS INDUITS PAR HPV, ET LEURS LESIONS DE PRECURSEUR A HAUT GRADE**
[72] MEIJER, CHRISTOPHORUS JOANNES LAMBERTUS MARIA, NL
[72] SNIJDERS, PETRUS JOSEPHUS FERDINANDUS, NL
[72] STEENBERGEN, RENSKE DANIELA MARIA, NL
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[54] **SYSTEME DE GRILLE DE LEVAGE AVEC PLAQUE D'EXTENSION ET PLATE-FORME DE GRILLE DE LEVAGE**
[72] ABLABUTYAN, KARAPET, US
[72] GASPARIAN, AKOP, US
[72] SAHAKYAN, AIDA, US
[71] MAXON INDUSTRIES, INC. DBA MAXON LIFT CORP., US
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[72] SPOONER, EDWARD, GB
[71] OPENHYDRO IP LIMITED, IE
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[54] GENERATEUR ELECTRIQUE POUR TURBINE HYDRAULIQUE
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[72] SPOONER, EDWARD, GB
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[71] MATSCITECHNO LICENSING COMPANY, US
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[71] TRUB AG, CH
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[54] SEPARATEUR CENTRIFUGE POUR SEPARER DES PARTICULES D'UN COURANT GAZEUX
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[72] HAGQVIST, PETER, SE
[72] HILLSTROM, LARS, SE
[72] HAGGMARK, CARL, SE
[72] ISAKSSON, ROLAND, SE
[72] MANELIUS, TOM, SE
[72] SKOOG, JAN, SE
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[72] MOSQUERA, MICHAEL R., US
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[54] **SYSTEME DE COMMANDE DE FEU DE CIRCULATION A DEL**
[72] NESER, MORNE, US
[72] NGUYEN, TRUONG-KHOA, US
[72] POIRIER, CHRISTIAN, US
[71] GE LIGHTING SOLUTIONS, LLC, US
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[54] **SAC POLYMERE A ELEMENTS D' ACCES FACILE RELIES AU SAC SANS ADHESIFS**
[72] BAZBAZ, JACOBO, US
[71] POLYTEX FIBERS CORPORATION, US
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[54] **PROCEDE DE DETECTION DE VIDES DANS UN PANNEAU DE CONSTRUCTION A BASE DE GYPSE ET PROCEDE DE PRODUCTION DE PANNEAU DE CONSTRUCTION A BASE DE GYPSE**
[72] YONEZAWA, SHINJI, JP
[72] UENO, YASUTOSHI, JP
[71] YOSHINO GYPSUM CO., LTD., JP
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[72] GUILLEN, GREGORY R., US
[72] FARRELL, THOMAS P., US
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[72] COHN, WILLIAM E., US
[72] RAJAN, DHEERAJ K., CA
[72] BERMAN, ADAM L., US
[72] MESTER, DANA R., US
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[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[72] BAI, HUA, US
[72] CALVERLEY, EDWARD M., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **PARTICULES ABRASIVES PRESENTANT DES FORMES PARTICULIERES ET PROCEDES PERMETTANT DE FORMER LESDITES PARTICULES**
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[72] ARCONA, CHRISTOPHER, US
[72] YENER, DORUK O., US
[72] CZEREPINSKI, JENNIFER H., US
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[72] RAMESH, SATYALAKSHMI K., US
[72] LAFOND, GREGORY G., US
[72] WIJESOORIYA, SIDATH S., US
[72] LIOR, ADAM D., US
[72] BRANDES, ALAN J., US
[72] PARMAR, ANIL, US
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[72] EVERTS, DARRELL K., US
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[72] CAMPBELL, JOHN EMMERSON, US
[72] SEKI, MASASHI, JP
[71] EPIZYME, INC., US
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[54] **PHOTOSENSIBILISANT CIBLANT UNE THYMIDINE KINASE ET COMPOSITION PHARMACEUTIQUE ET UTILISATION POUR LE TRAITEMENT DU CANCER ASSOCIE**
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[72] WANG, ZHIYI, CN
[72] LIN, ZHIZHONG, CN
[72] WEI, LIYAN, CN
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[54] PROCEDE ET DISPOSITIF DE FABRICATION DE PREFORMES POUR LA FABRICATION D'UNE PALE DE ROTOR
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[72] KANNENBERG, JOHANNES, DE
[71] WOBBEN PROPERTIES GMBH, DE
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[72] SULLIVAN, PAUL A., US
[71] DIESEL DIRECT, INC., US
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[54] COMPOSITIONS MICRONISEES COMPOSEES DE GREFFONS OSSEUX ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION
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[72] SPENCER, RANDALL, US
[72] TOFE, ROBERT, US
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[72] JU, SHULIN, US
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[72] CHAMBERLIN, MARK A., US
[72] ROESLER, KEITH R., US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
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[72] BERNFELD, ADAM, US
[72] BURLEW, KEITH H., US
[72] COFFEY, DUNCAN, US
[72] CRONIN, JAMES TIMOTHY, US
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[72] ROESCH, BRIAN MICHAEL, US
[72] STOLARSKI, MATHIAS E., US
[72] WOOD, JAMES GREGORY, US
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[54] **PROCEDES ET COMPOSITIONS PERMETTANT DE RENFORCER L'ACTIVITE DES ENDOTOXINES CRY**
[72] CONG, RUTH, US
[72] YAMAMOTO, TAKASHI, US
[72] YI, ZHENG, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
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[54] **PROCEDE ET SYSTEME DE DIAGNOSTIC DE CONNECTIVITE DANS DES SYSTEMES DE COMMUNICATION**
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[72] BHAGAVATULA, RAMYA, US
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[54] **OUTIL DE FORMAGE, MOYEN DE COMMANDE, PROCEDE ET INSTALLATION POUR PRODUIRE UNE PIECE EN MATIERE PLASTIQUE, DE PREFERENCE RENFORCEE PAR DES FIBRES**
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[71] DIEFFENBACHER GMBH MASCHINEN- UND ANLAGENBAU, DE
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[72] GOSSELIN, GILLES, FR
[72] PARSY, CHRISTOPHE CLAUDE, FR
[72] ALEXANDRE, FRANCOIS-RENE, FR
[72] RAHALI, HOUCINE, FR
[72] GRIFFON, JEAN-FRANCOIS, FR
[72] SURLERAUX, DOMINIQUE, BE
[72] DOUSSON, CYRIL B., FR
[72] PIERRA, CLAIRE, FR
[72] MOUSSA, ADEL M., US
[72] MAYES, BENJAMIN ALEXANDER, US
[72] DUKHAN, DAVID, FR
[72] STEWART, ALISTAIR JAMES, US
[71] IDENIX PHARMACEUTICALS, INC., US
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[71] UNIVERSITE MONTPELLIER 2 SCIENCES ET TECHNIQUES, FR
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[54] **COMPOSITE D'HERBE A CHATS MOULE OU EXTRUDE ET PROCEDE DE FABRICATION DE JOUETS POUR ANIMAL DE COMPAGNIE EN HERBE A CHATS COMPRIMEE ET JOUETS POUR ANIMAL DE COMPAGNIE FABRIQUE A PARTIR DE CELUI-CI**
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[71] OURPETS COMPANY, US
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[54] **PROCEDES ET SYSTEMES POUR L'OPTIMISATION DE SYSTEME DE CULTURE DE CELLULES A PERFUSION**
[72] SHIMONI, YUVAL, US
[72] MOEHRLE, VOLKER, DE
[72] SRINIVASAN, VENKATESH, US
[71] BAYER HEALTHCARE LLC, US
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[54] **MELANGE DE BIPHOSPHITES ET LEUR UTILISATION EN TANT QUE MELANGE CATALYTIQUE POUR L'HYDROFORMYLATION**
[72] CHRISTIANSEN, ANDREA, DE
[72] FRANKE, ROBERT, DE
[72] FRIDAG, DIRK, DE
[72] HESS, DIETER, DE
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[72] IVANOVIC, ZORAN, FR
[71] MACO PHARMA, FR
[71] ETABLISSEMENT FRANCAIS DU SANG, FR
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[54] **PROCEDE ET SYSTEME POUR MESURER UNE LATENCE DANS DES SYSTEMES DE COMMUNICATION**
[72] YUN, SUNGHO, US
[72] GOLDBURG, MARC, US
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[54] **FILM DE REVETEMENT HYDROFUGE ET OLEOFUGE ET ARTICLE LE CONTENANT**
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[72] SEKIGUCHI, TOMONOBU, JP
[72] NISHIKAWA, HIROYUKI, JP
[72] OE, HIROSHI, JP
[72] TERASAWA, YUYA, JP
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[72] MORII, TOSHIO, JP
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[71] TOYO ALUMINIUM KABUSHIKI KAISHA, JP
[71] NIPPON AEROSIL CO., LTD., JP
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[54] **CONFISERIE DURE ET SON PROCEDE DE FABRICATION**
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[72] VALAND, KHYATI, US
[72] OPET, MARY, US
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[72] WELBORN, LAURIE, GB
[72] CORREA, BETH, US
[71] INTERCONTINENTAL GREAT BRANDS LLC, US
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[54] **TIMBRE POUR LE TRAITEMENT DE MALADIES DES PAUPIERES CONTENANT DU CLOBETASOL**
[72] OGAWA, TAKAHIRO, US
[72] ISOWAKI, AKIHARU, US
[72] KAWAHARA, KOJI, US
[72] HIRAOKA, TAKAO, JP
[72] TANAKA, MARIKO, JP
[72] KENMOCHI, CHIHIRO, JP
[71] SENJU USA, INC., US
[71] NICHIBAN CO., LTD., JP
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[54] **INJECTEUR-ALLUMEUR ISOLE PAR FLUIDE**
[72] MCALISTER, ROY EDWARD, US
[72] GROTTENTHALER, DAVID LEIGH, US
[72] KEMMET, RYAN KENNEDY, US
[71] MCALISTER TECHNOLOGIES, LLC, US
[71] ADVANCED GREEN TECHNOLOGIES, LLC, US
[85] 2015-04-08
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[54] **COATING/SEALANT SYSTEMS, AQUEOUS RESINOUS DISPERSIONS, METHODS FOR MAKING AQUEOUS RESINOUS DISPERSIONS, AND METHODS OF ELECTROCOATING**
[54] **SYSTEMES DE REVETEMENT/D'ETANCHEITE, DISPERSIONS RESINEUSES AQUEUSES, PROCEDES DE REALISATION DE DISPERSIONS RESINEUSES AQUEUSES ET PROCEDES D'ELECTRODEPOSITION**
[72] ANDERSON, LAWRENCE G., US
[72] FURAR, ELIZABETH A., US
[72] LINGENFELTER, THOR G., US
[72] MAYO, MICHAEL A., US
[72] PEFFER, ROBIN M., US
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[54] **SNEAK WATER DETECTION FOR CONCRETE DELIVERY VEHICLES**
[54] **DETECTION D'EAU INSIDIEUSE POUR VEHICULES DE DISTRIBUTION DE BETON**
[72] JORDAN, RICHARD K., US
[72] ROBERTS, MARK F., US
[72] KOEHLER, ERIC P., US
[71] VERIFI LLC, US
[85] 2015-04-08
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[54] **INDICATION DE VOLUME DE BETON CONTENU DANS UN TAMBOUR DE MELANGE D'UN VEHICULE DE DISTRIBUTION**
[72] ROBERTS, MARK F., US
[72] JORDAN, RICHARD K., US
[72] COOLEY, ROY J., US
[72] KOEHLER, ERIC P., US
[72] BAHIRA, MERIEM, US
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[54] **FLYWHEEL ENERGY STORAGE DEVICE**
[54] **ACCUMULATEUR CINETIQUE**
[72] BAUMER, THOMAS, DE
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[54] **CHILD-RESISTANT BLISTER PACKAGE**
[54] **EMBALLAGE-COQUE A L'EPREUVE DES ENFANTS**
[72] TROMBLEY, KURT FRANKLIN, US
[72] CHAN, KAREN LAI-TING, US
[72] LAFOSSE-MARIN, ISABELLE, US
[72] MOROSEY, JAY ROBERT, JR., US
[72] SANCHEZ, KARLA MISHELL, US
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[54] **SYSTEM AND METHOD FOR CONTROLLING AN ARC WELDING PROCESS**
[54] **SYSTEME ET PROCEDE DE COMMANDE D'UN PROCESSUS DE SOUDAGE A L'ARC**
[72] HUTCHISON, RICHARD MARTIN, US
[72] SCOTT, KEVIN MICHAEL, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2015-04-08
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[54] **SECURITY ARRANGEMENT IN A MULTI-FUNCTION PASSENGER CARRIER**
[54] **AGENCEMENT DE SECURITE DANS UN SUPPORT DE PASSAGER MULTIFONCTIONNEL**
[72] FLEMING, WESLEY JUSTIN, CA
[71] THULE CHILD TRANSPORT SYSTEMS LTD., CA
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[54] **DECOCHEURS ET FERS AVEC AXE DE TIGE CENTRE A TRAVERS LE CENTRE DE LA MASSE DE LA TETE**
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[72] CHOWANIEC, MATTHEW J., US
[72] INGMANSON, MICHAEL D., US
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[72] KOWALCHUK, TREVOR LAWRENCE, CA
[72] TURNER, JACK DONALD, CA
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[54] **CELL BLOCK EMBEDDING SYSTEM AND METHODS**
[54] **SYSTEME ET PROCEDES D'INCORPORATION DE BLOC DE CELLULES**
[72] HUTCHINS, TIMOTHY, US
[72] WATTS, HAL, US
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[72] GRIMES, ERIC, US
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[54] **SYSTEME DE FILTRAGE DES FLUIDES**
[72] SALVADOR, CHRISTOPHER J., US
[72] HEIBENTHAL, RANDALL W., US
[72] DEEDRICH, DENNIS M., US
[72] HARDER, DAVID B., US
[72] HACKER, JOHN R., US
[72] EISENMENGER, RICHARD, US
[71] CATERPILLAR INC., US
[71] ADVANCED FILTRATION SYSTEMS, INC., US
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[54] **ONBOARD CONTROLLER SYSTEM**
[54] **SYSTEME DE REGULATEUR EMBARQUE**
[72] MORISSET, ROBERT J., CA
[72] MORISSET, MICHEL R., CA
[72] HAY, DOUGLAS R., CA
[72] OCHITWA, MARK J., CA
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[54] **BASSIN DE CAPTAGE POUR GLISSOIRE D'EAU**
[72] ILYNKA, MARVIN R., CA
[71] WHITEWATER WEST INDUSTRIES LTD., CA
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[54] **SYSTEM AND METHOD FOR ACOUSTIC DOPPLER VELOCITY PROCESSING WITH A PHASED ARRAY TRANSDUCER**
[54] **SYSTEME ET PROCEDE POUR LE TRAITEMENT DE LA VITESSE DOPPLER ACOUSTIQUE AVEC UN TRANSDUCTEUR A COMMANDE DE PHASE**
[72] VOGT, MARK A., US
[72] BRUMLEY, BLAIR H., US
[72] ROWE, FRAN, US
[71] TELEDYNE RD INSTRUMENTS, INC., US
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[54] **ANTI-P-SELECTIN ANTIBODIES**
[54] **ANTICORPS ANTI-P-SELECTINE**
[72] GRAUS, YVO, NL
[72] HIMBER, JACQUES, FR
[72] JANSEN-MOLENAAR, MIRANDA, NL
[72] KLING, DOROTHEE, DE
[72] KOPETZKI, ERHARD, DE
[72] PARREN, PAUL, NL
[72] REBERS, FRANK, NL
[72] STEINER, BEAT, CH
[72] STERN, ANNE, DE
[72] STREIN, PAMELA, DE
[72] STUBENRAUCH, KAY-GUNNAR, DE
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[54] **SOLAR GRAIN DRYING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE SOLAIRES DE SECHAGE DU GRAIN**
[72] THOMPSON, BARRY R., US
[71] LEGACY DESIGN, LLC, US
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[54] **CENTRE INFORMATIQUE**
[72] ROGERS, PAUL, GB
[71] BRIPCO BVBA, BE
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[54] **NOVEL STEM CELLS, NUCLEOTIDE SEQUENCES AND PROTEINS THEREFROM**
[54] **NOUVELLES CELLULES SOUCHES, SEQUENCES DE NUCLEOTIDES ET PROTEINES QUI EN DERIVENT**
[72] RUDNICKI, MICHAEL A., CA
[72] KUANG, SHIHUAN, CA
[72] HOLTERMAN, CHET, CA
[71] OTTAWA HEALTH RESEARCH INSTITUTE, CA
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[54] **SYSTEMES ET PROCEDES POUR AMELIORER LA PRODUCTION D'HYDROCARBURES VISQUEUX A PARTIR D'UNE FORMATION SOUTERRAINE**
[72] KHALEDI, RAHMAN, CA
[72] BOONE, THOMAS J., CA
[72] PUSTANYK, B. KARL, CA
[71] IMPERIAL OIL RESOURCES LIMITED, CA
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[54] **DISPOSITION COMPACTE DE SIEGES**
[72] MURRAY, IAN GORDON, GB
[71] GORDON MURRAY DESIGN LIMITED, GB
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[54] **DISPOSITION COMPACTE DE SIEGES**
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[54] **METHOD AND ASSOCIATED APPARATUS FOR ASSEMBLING AND TESTING A PLUMBING SYSTEM**
[54] **METHODE ET EQUIPEMENT ASSOCIE PERMETTANT D'INSTALLER ET DE METTRE A L'EPREUVE UNE INSTALLATION DE PLOMBERIE**
[72] BALL, WILLIAM T., US
[71] WCM INDUSTRIES, INC., US
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[54] **PEPTIDE WT1 A RESTRICTION HLA-A*3303 ET COMPOSITION PHARMACEUTIQUE CCOM RENANT CE DERNIER**
[72] SUGIYAMA, HARUO, JP
[71] INTERNATIONAL INSTITUTE OF CANCER IMMUNOLOGY, INC., JP
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[54] **MONOCLONAL ANTIBODIES AGAINST CLAUDIN-18 FOR TREATMENT OF CANCER**
[54] **ANTICORPS MONOCLONAUX CONTRE LA CLAUDINE-18 POUR LE TRAITEMENT DU CANCER**
[72] SAHIN, UGUR, DE
[72] TURECI, OZLEM, DE
[72] USENER, DIRK, DE
[72] FRITZ, STEFAN, DE
[72] UHEREK, CHRISTOPH, DE
[72] BRANDENBURG, GUNDA, DE
[72] GEPPERT, HARALD-GERHARD, DE
[72] SCHRODER, ANJA KRISTINA, DE
[72] THIEL, PHILIPPE, DE
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[71] JOHANNES GUTENBERG-UNIVERSITAT MAINZ, VERTRETEN DURCH DEN PRASIDENTEN, DE
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[54] **PROCEDE AMELIORE POUR LA PRODUCTION D'ACIDE 9-CIS-RETINOIQUE**
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[72] KNOPP, MONIKA, CH
[72] KUBEL, ERWIN, AT
[71] DSM FINE CHEMICALS AUSTRIA NFG GMBH & CO KG., AT
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[54] **HLA-A*3303-RESTRICTED WT1 PEPTIDE AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME**
[54] **PEPTIDE WT1 A RESTRICTION HLA-A*3303 ET COMPOSITION PHARMACEUTIQUE COMPRENANT CE DERNIER**
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[71] INTERNATIONAL INSTITUTE OF CANCER IMMUNOLOGY, INC., JP
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[25] EN
[54] **HLA-A*1101-RESTRICTED WT1 PEPTIDE AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME**
[54] **PEPTIDE WT1 A RESTRICTION HLA-A<SP>*</SP>1101 ET COMPOSITION PHARMACEUTIQUE LE CONTENANT**
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[71] INTERNATIONAL INSTITUTE OF CANCER IMMUNOLOGY, INC., JP
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[54] **PEPTIDE WT1 A RESTRICTION HLA-A<SP>*</SP>1101 ET COMPOSITION PHARMACEUTIQUE LE CONTENANT**
[72] SUGIYAMA, HARUO, JP
[71] INTERNATIONAL INSTITUTE OF CANCER IMMUNOLOGY, INC., JP
[22] 2007-12-14
[41] 2008-07-10
[62] 2,670,658
[30] JP (2006-355356) 2006-12-28

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[21] **2,886,721**
[13] A1
[51] **Int.Cl. H04N 19/46 (2014.01) H04N 19/14 (2014.01) H04N 19/176 (2014.01) H04N 19/513 (2014.01) H04N 19/70 (2014.01)**
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[72] HAN, WOO-JIN, KR
[72] KIM, IL-KOO, KR
[72] LEE, SUN-IL, KR
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[22] 2011-07-07
[41] 2012-01-12
[62] 2,804,780
[30] US (61/362,829) 2010-07-09
[30] US (61/367,952) 2010-07-27
[30] KR (10-2011-0006486) 2011-01-21

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[21] **2,886,724**
[13] A1
[51] **Int.Cl. H04N 19/46 (2014.01) H04N 19/14 (2014.01) H04N 19/176 (2014.01) H04N 19/513 (2014.01) H04N 19/70 (2014.01)**
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[72] KIM, IL-KOO, KR
[72] LEE, SUN-IL, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2011-07-07
[41] 2012-01-12
[62] 2,804,780
[30] US (61/362,829) 2010-07-09
[30] US (61/367,952) 2010-07-27
[30] KR (10-2011-0006486) 2011-01-21

[21] 2,886,732
[13] A1
[51] Int.Cl. G01N 35/04 (2006.01)
[25] EN
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[54] PROCEDE ET APPAREIL POUR EFFECTUER UN TRANSFERT DE RECEPTACLES DE REACTION DANS UN INSTRUMENT POUR PROCEDURES ANALYTIQUES A ETAPES MULTIPLES
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[72] KNIGHT, BYRON J., US
[72] OPALSKY, DAVID, US
[72] RHUBOTTOM, JASON F., US
[72] HOGER, OLAF, DE
[72] SAYER, HEIKO, DE
[72] THAHEDL, HARALD, DE
[72] HABRICH, STEFAN, DE
[71] GEN-PROBE INCORPORATED, US
[71] STRATEC BIOMEDICAL AG, DE
[22] 2010-05-17
[41] 2010-11-18
[62] 2,761,293
[30] US (61/178,728) 2009-05-15

[21] 2,886,927
[13] A1
[51] Int.Cl. A61C 17/00 (2006.01) A46B 15/00 (2006.01) A61C 17/22 (2006.01)
[25] EN
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[72] ROONEY, MICHAEL, US
[72] MOSKOVICH, ROBERT, US
[72] PRINGIERS, JACOB, LK
[72] CASINI, LUCA, IT
[72] STORZ, JOACHIM, AT
[72] KLAUSEGGER, RAIMUND, AT
[71] COLGATE-PALMOLIVE COMPANY, US
[22] 2009-12-18
[41] 2011-07-14
[62] 2,782,362

[21] 2,886,960
[13] A1
[51] Int.Cl. H04N 19/46 (2014.01) H04N 19/14 (2014.01) H04N 19/176 (2014.01) H04N 19/51 (2014.01) H04N 19/70 (2014.01)
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[72] KIM, IL-KOO, KR
[72] LEE, SUN-IL, KR
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[22] 2011-07-07
[41] 2012-01-12
[62] 2,804,780
[30] US (61/362,829) 2010-07-09
[30] US (61/367,952) 2010-07-27
[30] KR (10-2011-0006486) 2011-01-21

[21] 2,886,964
[13] A1
[51] Int.Cl. H04N 19/46 (2014.01) H04N 19/14 (2014.01) H04N 19/176 (2014.01) H04N 19/51 (2014.01) H04N 19/70 (2014.01)
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[72] LEE, SUN-IL, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[30] US (61/362,829) 2010-07-09
[30] US (61/367,952) 2010-07-27
[30] KR (10-2011-0006486) 2011-01-21

[21] 2,887,081
[13] A1
[51] Int.Cl. G08G 1/127 (2006.01) G07C 5/08 (2006.01) G08B 21/02 (2006.01) G08C 17/02 (2006.01) G08G 1/01 (2006.01) H01Q 1/32 (2006.01) H04B 5/00 (2006.01)
[25] EN
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[72] CRUCS, KEVIN M., US
[71] CRUCS HOLDINGS, LLC, US
[22] 2008-07-15
[41] 2009-01-22
[62] 2,691,081
[30] US (11/778,129) 2007-07-16

[21] **2,887,177**
[13] A1
[51] **Int.Cl. H04W 40/02 (2009.01) H04W 16/14 (2009.01) H04W 28/08 (2009.01) H04W 40/22 (2009.01) H04W 40/24 (2009.01) H04L 12/705 (2013.01) H04L 12/751 (2013.01) H04B 17/17 (2015.01)**
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[54] **PROCEDES EFFICACE D'EXPLOITATION DE RESEAUX MAILLES INTERCONNECTES ARBITRAIREMENT**
[72] JETCHEVA, JORGETA, US
[72] KAILAS, SIVAKUMAR, US
[72] NATARAJAN, MOHAN, US
[71] FIRETIDE, INC., US
[22] 2006-07-19
[41] 2007-02-01
[62] 2,616,590
[30] US (60/701,446) 2005-07-21
[30] US (60/707,069) 2005-08-10
[30] US (60/709,743) 2005-08-19
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[21] **2,887,181**
[13] A1
[51] **Int.Cl. E03C 1/20 (2006.01) E03C 1/24 (2006.01)**
[25] EN
[54] **METHOD AND ASSOCIATED APPARATUS FOR ASSEMBLING AND TESTING A PLUMBING SYSTEM**
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[72] BALL, WILLIAM T., US
[71] WCM INDUSTRIES, INC., US
[22] 2008-10-30
[41] 2009-04-30
[62] 2,642,379
[30] US (11/931,681) 2007-10-31

[21] **2,887,189**
[13] A1
[51] **Int.Cl. A61F 2/95 (2013.01) A61F 2/90 (2013.01) A61L 31/04 (2006.01) A61L 31/14 (2006.01)**
[25] EN
[54] **KNITTED STENT JACKETS**
[54] **ENVELOPPES DE STENT A MAILLES**
[72] HOLZER, ASHER, IL
[72] BAR, ELI, IL
[72] PAZ, OFIR, IL
[71] INSPIREMD LTD., IL
[22] 2007-10-18
[41] 2008-04-24
[62] 2,666,728
[30] US (60/852,392) 2006-10-18
[30] US (60/860,485) 2006-11-22
[30] US (60/877,162) 2006-12-27

[21] **2,887,195**
[13] A1
[51] **Int.Cl. F16D 69/04 (2006.01) F16D 69/00 (2006.01)**
[25] EN
[54] **MODULAR BRAKE PAD**
[54] **PLAQUETTE DE FREIN MODULAIRE**
[72] ARBESMAN, RAY, CA
[72] PHAM, NGHI, CA
[71] ARBESMAN, RAY, CA
[71] PHAM, NGHI, CA
[22] 2009-10-06
[41] 2010-06-17
[62] 2,746,493
[30] US (61/121,995) 2008-12-12

[21] **2,887,244**
[13] A1
[51] **Int.Cl. G01B 11/275 (2006.01)**
[25] EN
[54] **NON CONTACT WHEEL ALIGNMENT SENSOR AND METHOD**
[54] **CAPTEUR D'ALIGNEMENT DE ROUE SANS CONTACT ET PROCEDE**
[72] DE SLOOVERE, KRIS, BE
[72] BEGHUIN, DIDIER, BE
[72] VERHAERT, KOEN, BE
[71] BURKE E. PORTER MACHINERY COMPANY, US
[71] VERHAERT NEW PRODUCTS AND SERVICES NV, BE
[22] 2008-05-02
[41] 2008-11-13
[62] 2,685,598
[30] US (60/916,004) 2007-05-04
[30] US (12/113,300) 2008-05-01

[21] **2,887,276**
[13] A1
[51] **Int.Cl. E03C 1/20 (2006.01) E03C 1/24 (2006.01)**
[25] EN
[54] **METHOD AND ASSOCIATED APPARATUS FOR ASSEMBLING AND TESTING A PLUMBING SYSTEM**
[54] **METHODE ET EQUIPEMENT ASSOCIE PERMETTANT D'INSTALLER ET DE METTRE A L'EPREUVE UNE INSTALLATION DE PLOMBERIE**
[72] BALL, WILLIAM T., US
[71] WCM INDUSTRIES, INC., US
[22] 2008-10-30
[41] 2009-04-30
[62] 2,642,379
[30] US (11/931,681) 2007-10-31

[21] **2,887,286**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DELIVERING INTERNET ADVERTISEMENTS THAT CHANGE BETWEEN TEXTUAL AND GRAPHICAL ADS ON DEMAND BY A USER**
[54] **SYSTEME ET PROCEDE DE DISTRIBUTION D'ANNONCES PUBLICITAIRES INTERNET POUVANT PASSER D'UN FORMAT D'ANNONCE PUBLICITAIRE TEXTE A UN FORMAT GRAPHIQUE A LA DEMANDE DE L'UTILISATEUR**
[72] KONINGSTEIN, ROSS, US
[71] GOOGLE INC., US
[22] 2004-11-03
[41] 2005-05-12
[62] 2,545,866
[30] US (60/516,281) 2003-11-03
[30] US (10/748,682) 2003-12-31

[21] **2,887,313**
[13] A1
[51] **Int.Cl. H04W 72/02 (2009.01) H04W 12/10 (2009.01) H04B 7/04 (2006.01)**
[25] EN
[54] **PHYSICAL LAYER POWER SAVE FACILITY**
[54] **SYSTEME D'ECONOMIE D'ENERGIE DE COUCHE PHYSIQUE**
[72] WENTINK, MAARTEN MENZO, US
[71] QUALCOMM INCORPORATED, US
[22] 2011-11-09
[41] 2012-05-18
[62] 2,815,673
[30] US (61/411,905) 2010-11-09
[30] US (61/414,872) 2010-11-17
[30] US (13/291,142) 2011-11-08

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[13] A1
[51] **Int.Cl. G01V 1/24 (2006.01) B65G 1/00 (2006.01) G01V 1/18 (2006.01) G01V 1/20 (2006.01) G01V 1/38 (2006.01) H01B 7/14 (2006.01) H01B 7/282 (2006.01) H01R 24/00 (2011.01) G01V 13/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SEISMIC DATA ACQUISITION**
[54] **PROCEDE ET APPAREIL D'ACQUISITION DE DONNEES SISMIQUES**
[72] RAY, CLIFFORD H., US
[72] FISSELER, GLENN D., US
[72] THOMPSON, JAMES N., US
[72] HAYGOOD, HAL B., US
[71] FAIRFIELD INDUSTRIES, INC., US
[22] 2004-09-21
[41] 2006-04-20
[62] 2,581,193

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[21] **2,887,403**
[13] A1
[51] **Int.Cl. E04B 2/74 (2006.01) E05D 13/00 (2006.01) E05D 15/06 (2006.01) E06B 3/46 (2006.01) E06B 3/50 (2006.01)**
[25] EN
[54] **SLIDING DOOR AND PIVOTING DOOR FOR DEMOUNTABLE WALL SYSTEM**
[54] **PORTE COULISSANTE ET PORTE PIVOTANTE POUR SYSTEME MURAL DEMONTABLE**
[72] KOPISH, ANDREW J., US
[72] SALZMAN, MICHAEL, US
[72] QUINTAL, NATHAN A., US
[72] LAFLEUR, TIMOTHY J., US
[72] DURAND, JAMES M. (DECEASED), US
[71] KRUEGER INTERNATIONAL, INC., US
[22] 2014-01-29
[41] 2014-08-01
[62] 2,841,223
[30] US (61/759,504) 2013-02-01
[30] US (14/163,202) 2014-01-24

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MICROSOFT CORPORATION 2,636,678
MIESSMER, STEFAN 2,803,634
MIGLIORE, MARCO 2,656,780
MIKKELSEN, LARS 2,659,596
MILES, KEVIN C. 2,809,791
MILIZIA, TIZIANA 2,684,683
MILLER, DONALD C. 2,814,779
MILLER, TRENT J. 2,795,225
MILLER-KOVACH, KAREN 2,735,585
MILLSTEIN, STEVE ALAN 2,737,850
MILOW, CLIFFORD 2,633,355
MILTENYI BIOTEC TECHNOLOGY, INC. 2,349,617
MILWAUKEE ELECTRIC TOOL CORPORATION 2,751,687
MIN, JUNG-HYE 2,770,991
MIN, JUNG-HYE 2,814,270
MISAWA, AKIRA 2,818,683
MISAWA, AKIRA 2,818,959
MITCHELL, KEITH 2,664,610
MITSUBISHI ELECTRIC CORPORATION 2,766,956
MITSUBISHI HEAVY INDUSTRIES MECHATRONICS SYSTEMS, LTD. 2,868,572
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,746,035
MJN U.S. HOLDINGS LLC 2,599,618
MLEZIVA, ROY 2,733,118
MLEZIVA, ROY 2,733,308
MOCK, JAMES ROBERT 2,671,368
MOESSNER, EKKEHARD 2,773,515
MOGAS INDUSTRIES, INC. 2,708,254
MOHAMMAD, HASSAN 2,754,853
MOHAMMED, SAIID 2,714,553
MOHAN, TRAIAN 2,780,273
MOHANTY, BIBHU P. 2,706,314
MOHARA, KENSUKE 2,787,833
MOK, SWEE M. 2,784,066
MOKHTARI, MAHYA 2,742,009
MOLINET, ROGER 2,570,191
MOLLER, ROLAND 2,693,999
MONTALTO, MICHAEL CHRISTOPHER 2,669,317
MOORE, RICHARD 2,751,128
MOORE, ROBERT HUNTER 2,684,341
MORELAND, JOHN CALLOWAY 2,746,026
MORENKO, OLEG 2,572,044
MORGENSTERN, ALFRED 2,570,191
MORIKAMI, KENJI 2,659,604
MORPHEY, JOHN C. 2,790,673
MORR, MICHAEL 2,624,905
MORRILL, ROBERT J. 2,656,412
MORRIS, JOHN D. 2,732,115
MORRISON, ANDREA L. 2,559,113
MORSELLI, RICCARDO 2,827,421
MORTON, JOHN Y. 2,713,692
MOSBEY, DERAL T. 2,722,319
MOSES, MICHAEL C. 2,522,633
MOSLER, THEODORE J. 2,628,339
MOTOROLA SOLUTIONS, INC. 2,795,225
MOUL, JUDD W. 2,485,138
MUELLER, EDGAR 2,666,650
MUHN, HANS-PETER 2,710,495
MUI, CLIFFORD LOW BOR 2,727,827
MULJONO, ERIC BUDI 2,641,358
MUNCHKIN, INC. 2,759,351
MUSALE, DEEPAK A. 2,663,138
MUTH, JAMES C. 2,793,385
MUVUNDAMINA, MUTOMBO J. 2,611,810
N.V. NUTRICIA 2,633,292
NAERT, DIDIER 2,679,869
NAGEL, ROLF 2,770,249
NAGY, ANDRAS 2,714,553
NAKAMURA, MITSUAKI 2,659,604
NALCO COMPANY 2,615,381
NALCO COMPANY 2,640,138
NALCO COMPANY 2,656,153
NALCO COMPANY 2,663,138

NALCO COMPANY 2,673,297
NALCO COMPANY 2,674,015
NALCO COMPANY 2,732,115
NALDINI, LUIGI 2,349,617
NALESSO, FEDERICO 2,669,281
NANAVATI, SAMEER 2,710,440
NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY 2,670,304
NATIONAL OILWELL VARCO L.P. 2,740,688
NATIONAL OILWELL VARCO, L.P. 2,688,702
NATIONAL OILWELL VARCO, L.P. 2,801,800
NEAGU, IRINA 2,723,455
NEC CORPORATION 2,675,915
NEILSEN, RANDY 2,672,224
NEKTAR THERAPEUTICS 2,642,905
NELSON, DONALD S. 2,654,938
NEU, JOSEF 2,599,618
NEWBERG, DONALD G. 2,795,225
NEWMAN, JACK 2,652,732
NEXTERRA SYSTEMS CORP. 2,727,827
NG, PHILIP 2,843,653
NGUYEN, DUY 2,706,811
NGUYEN-KIM, SON 2,616,205
NI, JUN 2,729,471
NICHOLS, JON M. 2,814,779
NIEDERBERGER, ALFRED 2,685,173
NIEDERMAN, ROBERT R. 2,790,673
NIETMANN, LARS 2,811,120
NILES, MARTIN S. 2,623,145
NIPPON GAS CO., LTD. 2,872,912
NIPPON GAS CO., LTD. 2,873,147
NIPPON PAINT CO., LTD. 2,644,789
NIPPON PAINT CO., LTD. 2,644,802
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,800,022
NIPPON STEEL ENGINEERING CO., LTD. 2,738,058
NIPPON TELEGRAPH AND TELEPHONE CORPORATION 2,818,683
NIPPON TELEGRAPH AND TELEPHONE CORPORATION 2,818,959
NOCOPI TECHNOLOGIES, INC. 2,638,581
NOETIC TECHNOLOGIES INC. 2,816,942
NOH, YU JIN 2,786,622
NOORMOFIDI, TAGHI 2,805,622
NORDHYDRAULIC AB 2,666,568
NORTON, DAVID 2,826,215
NOURRY, NICOLAS 2,664,392
NOVAMONT S.P.A. 2,684,683
NOVARTIS AG 2,609,353
NSEREKO, VICTOR 2,787,766
NTT DOCOMO, INC. 2,715,185
NUSPL, GERHARD 2,788,038
O'BRIEN, GREGORY 2,506,478
O'CONNOR, D'ARCY 2,621,044
O'CONNOR, JOSEPH GERALD 2,679,072
O'HANLON, FINBAR 2,696,970
O-NET WAVETOUCH LIMITED 2,711,858
OATES, DONALD COLIN MURRAY 2,645,010
OBERLE, PATRICK 2,678,657
ODELL, ROBERT 2,691,356
OEHME, FELIX 2,667,385
OEHR, KLAUS 2,656,153
OHARA, DAICHI 2,854,621
OHASHI, TOSHIAKI 2,854,621
OHLER, GENE 2,686,402
OHLER, ZOE 2,686,402
OHLMEYER, MICHAEL 2,723,455
OHWADA, JUN 2,659,604
OKAMOTO, SATORU 2,818,683
OKAMOTO, SATORU 2,818,959
OKAMURA, TAKASHI 2,723,455
OKHAMAFE, AUGUSTUS 2,609,353
OKI, EIJI 2,818,683
OKI, EIJI 2,818,959
OLESEN, JERRY 2,675,673
OLSZEWSKA, TERESA 2,594,488
OMEIS, JUERGEN 2,671,774
ONISHI, YASUHIRO 2,738,058
ORR, SAM 2,615,117
ORR, SHAWN G. 2,796,201
ORTH, ULRICH 2,671,774
ORTHOTAIN, INC. 2,679,451
ORVITZ, KEVAN 2,654,607
OSBORN, NIGEL JOHN 2,587,839
OSER, ALAN H. 2,613,959
OTSUKA PHARMACEUTICAL CO., LTD. 2,686,092
OTSUKA PHARMACEUTICAL FACTORY, INC. 2,723,455
OTT, ETHAN A. 2,810,230
OU, DUAN LI 2,799,924
OURY, PASCAL 2,654,512
OUTOTEC OYJ 2,728,487
OZAKI, KAZUTO 2,592,645
OZTURK, OZCAN 2,706,314
PABON, MARTIAL JEAN-JACQUES 2,688,152
PACCAR INC 2,810,230
PACKERS PLUS ENERGY SERVICES INC. 2,628,368
PADIA, JANAK 2,686,402
PAETZOLD, UWE 2,822,778
PAILLARSE, BERNARD PHILIPPE JACQUES 2,581,405
PAKULA, DAVE 2,703,073
PALECZNY, CHRISTIAN 2,639,602
PALMER, DAVID 2,672,661
PALMINTERI, GAETANO 2,669,609
PALO ALTO RESEARCH CENTER, INCORPORATED 2,446,664
PANASONIC CORPORATION OF NORTH AMERICA 2,766,658
PANATTONI, CORY 2,750,737
PANG, ZHENGYU 2,669,317
PAPA, ELISEO 2,752,347
PAPILI, MARINA 2,673,830
PAPPAS, SCOTT J. 2,795,225
PAQUET, RENE 2,598,326
PARADKAR, VIDYADHAR M. 2,723,455
PARK, CHEOLSOO 2,768,424
PARK, JONG HYEON 2,710,440
PARK, JOONG WON 2,598,137
PARK, JU WON 2,710,440
PARRAMON, JORDI 2,793,103
PARRISH, DENNIS 2,714,553
PATE, LANCE C. 2,792,908
PATEL, BHAWAN B. 2,572,044
PATEL, BHAWAN B. 2,603,595
PATEL, MAHESH DAHYABHAI 2,680,164
PATHI, SRINIVAS LAXMINARAYAN 2,606,799
PAUL WURTH REFRACTORY & ENGINEERING GMBH 2,684,338
PAUL, NATHAN 2,810,230
PAVAL, DAN 2,703,389
PAYETTE, MARK J. 2,738,162
PEARCY, TIMOTHY 2,817,038
PEARSON, MURRAY S. 2,731,152
PEDERSEN, ERIK BJERREGAARD 2,609,365
PEDERSEN, HENRIK CHRESTEN 2,711,858
PEETZ, JULIA 2,735,585
PELLICCIARI, ROBERTO 2,656,320
PENSON, SIMON PETER 2,592,645
PEREIRA, DAVID 2,693,359
PERRY, KENNETH E. 2,754,649
PERZBORN, ELISABETH 2,661,414
PETERS, BRYAN J. 2,628,339
PETERS, SHERN EUGENE 2,801,800
PETERSEN, SHANE 2,750,737
PETITCLERC, MICHEL 2,657,492
PEULTIER, JEROME 2,804,320
PFLIEGER, PHILIPPE 2,641,055
PFUND, DAVID 2,627,476
PHARMAFILTER B.V. 2,699,050
PHILIPPOT, VINCENT 2,622,119
PHILIPS, NICHOLAS A. 2,796,298
PHILLIPS, ANDREW JOHN 2,745,815
PHOENIX MYRRH TECHNOLOGY PTY LTD. 2,696,970
PICCHIO, CESARE 2,590,413
PIERROT, ARNAUD JEAN-MARIE 2,625,319
PIISPANEN, JUHA 2,786,678
PINCHON, CHRISTOPHE FRANCIS 2,581,405
PINTO, LAURENT 2,719,149
PIONEER HI-BRED INTERNATIONAL, INC. 2,787,766
PIPENHAGEN, CATHERINE A. 2,692,565
PLANSEE SE 2,724,350
PLEBANSKI, MAGDALENA 2,422,575
PLOGMANN, BENJAMIN 2,617,795
POE, BRIAN R. 2,795,225
POESCHKE, OLIVER 2,619,505
POHL, BRAD P. 2,814,779
POLANCEC, IVAN 2,703,389
POLLIACK, ADRIAN ABRAM 2,803,517

POLLOCK, IAN R.	2,621,827
POLLOCK, TIM	2,615,117
POLYONE CORPORATION	2,790,619
POMMIER, NICOLAS	2,615,407
PORTE, ALAIN	2,689,495
POSSELIUS, JOHN H.	2,827,421
POTH, WESLEY R.	2,814,779
POULAIN, CLAIRE	2,715,685
POULSEN, KRISTIAN TODD	2,716,424
POXEL	2,816,357
POYNER, DENNIS A.	2,675,673
PRATT & WHITNEY CANADA CORP.	2,572,044
PRATT & WHITNEY CANADA CORP.	2,598,326
PRATT & WHITNEY CANADA CORP.	2,603,595
PRCHAL, RONALD L.	2,629,067
PRECISION ENERGY SERVICES, INC.	2,792,908
PRECISION ENERGY SERVICES, INC.	2,815,877
PRELLE, KATJA	2,710,495
PROBSTEIN, SID	2,728,432
PROSCH, MARKUS	2,738,166
PROUT, JEFFREY J.	2,791,232
PRUZANSKI, MARK	2,656,320
PUCCI, SABRINA	2,715,796
PUGLIESE, STEPHANE	2,678,657
PUNG, PONAKA	2,754,649
PUTNAM, JEFF	2,615,117
PX BIOSOLUTIONS PTY LTD	2,422,575
QI, LING	2,700,965
QUALCOMM INCORPORATED	2,657,910
QUALCOMM INCORPORATED	2,658,280
QUALCOMM INCORPORATED	2,658,367
QUALCOMM INCORPORATED	2,675,694
QUALCOMM INCORPORATED	2,706,314
QUALCOMM INCORPORATED	2,710,440
QUAN, CHRISTOPHER	2,703,073
RACZ, N. SANDOR	2,712,019
RAJTSCHAN, ALEXANDER	2,598,114
RAMANATH, SRINIVASAN	2,781,723
RAMESH, MANIAN	2,674,015
RAMSEY, CHARLA A.	2,667,479
RANA, TARIQ M.	2,500,224
RANK, MIKE LIND	2,768,424
RAO, DHARMARAJ RAMACHANDRA	2,606,799
RAPPEN, DIETHELM	2,568,690
RASHID, HARUNUR M.	2,820,028
RASMUSSEN, SOREN BIRK	2,664,362
RAVENSBURGER SPIELEVERLAG GMBH	2,739,967
RECKITT BENCKISER (BRANDS) LTD.	2,677,743
RECKITT BENCKISER LLC	2,704,765
RECTOR, ERIC	2,615,117
REDDEN, CARL	2,828,598
REDDEN, WARREN	2,828,598
REILING, KEITH KINKEAD	2,652,732
REILLY, ANDREW PETER	2,545,268
REINHARDT, GREGORY E.	2,794,888
REINHART, BRIAN	2,847,232
RENAUDOT, NICOLAS	2,804,320
RENNINGER, NEIL STEPHEN	2,652,732
REY-PAPINA, MAX (DECEASED)	2,529,401
REYNOLDS, GEOFFREY WILLIAM	2,803,629
RHODE ISLAND HOSPITAL	2,663,115
RHODIA INC.	2,700,965
RHYNE, TIMOTHY BRETT	2,809,791
RIBALDONE, GIORGIO	2,597,117
RICHARDS, MARK RYAN	2,803,629
RICHMAN, STEVEN	2,709,689
RICHMOND, KATHRYN E.	2,567,735
RICOH COMPANY, LTD.	2,766,897
RING, ROBERT	2,822,778
RING, SVEN	2,710,495
RITZBERGER, AXEL	2,780,115
ROBACK, JOHN D.	2,530,717
ROBERT, BRUNO	2,502,735
ROBERT, RENE	2,703,073
ROBERTO, JOSEPH F.	2,621,827
ROBERTS, MICHAEL S.	2,612,949
ROBINSON, CORY M.	2,821,694
ROCHE GLYCART AG	2,773,515
ROCKLAGE, BERNARD	2,620,529
RODESCH, MATT J.	2,567,735
ROEDEL, WOLFGANG	2,770,249
ROEDER, JENS	2,591,193
ROGACHEVSKY, VITALY	2,704,960
ROLLS-ROYCE CORPORATION	2,690,135
ROLLS-ROYCE CORPORATION	2,806,172
ROMERO, PAUL R.	2,522,633
RONDET, MAURICETTE	2,552,567
ROSEMOUNT INC.	2,609,010
ROSEMOUNT INC.	2,752,789
ROSEMOUNT INC.	2,821,694
ROSENBERG, JOERG	2,644,372
ROSIGNOLI, DAVID	2,692,853
ROSINGER, CHRISTOPHER HUGH	2,693,129
ROST, STEPHANIE LYN	2,735,585
ROTTAPHARM BIOTECH S.R.L.	2,715,796
ROUSSELIN, STEPHANE	2,625,319
ROVATI, LUCIO CLAUDIO	2,715,796
ROWE, VERNON D.	2,631,014
ROWELL, CRAIG	2,750,737
RUBINSTENN, GILLES	2,678,485
RUD, BRYAN D.	2,799,924
RUDOLF, MARIAN	2,712,077
RUDRAPATNA, NAGARAJA	2,572,044
RUHNAU, KAI	2,729,907
RUNDEL, KLAUS	2,598,114
RUSSELL, ANDREW BAXTER	2,681,388
RUTH, STEPHEN M.	2,791,232
RUTHERFORD, WILLIAM	2,787,766
RYCKMAN, DAVID	2,609,353
S.A.T. ENGINEERING S.A.S. DI FRANCESCO D'URSI & C.	2,690,115
SABAN, MARKO D.	2,742,009
SAGEM DEFENSE SECURITE	2,757,348
SAGEM DEFENSE SECURITE	2,813,655
SAINT LOUIS UNIVERSITY	2,611,198
SAINT-GOBAIN ABRASIFS	2,781,723
SAINT-GOBAIN ABRASIVES, INC.	2,781,723
SAINT-GOBAIN GLASS FRANCE	2,552,567
SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION	2,799,924
SAIONZ, KURT W.	2,723,455
SALAMA, HENRY	2,611,827
SALAMA, MAURICE	2,611,827
SALONEN, MIKA	2,640,138
SAMBHWANI, SHARAD DEEPAK	2,706,314
SAMPSON, JACQUELYN S.	2,447,599
SAMSON, ETIENNE M.	2,855,391
SAMSUNG ELECTRONICS CO., LTD.	2,768,181
SAMSUNG ELECTRONICS CO., LTD.	2,770,991
SAMSUNG ELECTRONICS CO., LTD.	2,814,270
SAMSUNG ELECTRONICS CO., LTD.	2,815,777
SAMUELSON, MARK	2,633,959
SANDHU, SHIVPAL S.	2,519,503
SANDVIK INTELLECTUAL PROPERTY AB	2,659,596
SANDVIK MINING AND CONSTRUCTION OY	2,786,678
SANTAGADA, VINCENZO	2,658,433
SARAVOLAC, MILAN	2,645,010
SATO, SHUNICHI	2,766,897
SAVANT MEASUREMENT CORPORATION	2,679,650
SCALONE, MICHELANGELO	2,641,055
SCHALK, THOMAS BARTON	2,737,850
SCHENKEL, ERIC	2,715,685
SCHICK, GEORG	2,714,553
SCHLEMMER, KARL-HEINZ	2,661,414
SCHLOEMER, JAMES FRANCIS	2,713,343
SCHLUB, ROBERT W.	2,767,776
SCHLUB, ROBERT W.	2,767,800
SCHLUETER, HANS-JUERGEN	2,647,686
SCHLUMBERGER CANADA LIMITED	2,583,318
SCHLUMBERGER CANADA LIMITED	2,673,866
SCHLURICKE, SEBASTIAN	2,811,120
SCHMID, MARKUS	2,587,527
SCHMID, MATHIEU	2,666,650
SCHMIDT, CHRISTOPH	2,644,372
SCHMITT, MONIKA	2,693,129
SCHMUCK, RAINER	2,769,155
SCHMUCK, RAINER	2,770,249
SCHNABEL, BARBARA L.	2,714,933
SCHNEIDER, HEINRICH	2,735,316
SCHNEIDER, TERRY L.	2,779,040
SCHOEFFLER, DANIEL	2,733,118
SCHOEFFLER, DANIEL	2,733,308
SCHOLZ, MATTHEW T.	2,722,319
SCHORR, GARY J	2,692,565

SCHUETTENBERG, DONALD W. 2,615,265
SCHUISKY, MIKAEL 2,659,596
SCHULZ, RICHARD A. 2,786,156
SCHWAMMBERGER, ANDREAS EDUARD 2,682,298
SCHWARZ, HANS-PETER 2,774,053
SCHWEITZER ENGINEERING LABORATORIES, INC. 2,701,278
SCHWEITZER ENGINEERING LABORATORIES, INC. 2,786,156
SCHWEITZER ENGINEERING LABORATORIES, INC. 2,868,859
SCHWEITZER, EDMUND O. 2,868,859
SCHWIETERS, JOHANNES 2,647,686
SCIULLI, MARK 2,559,113
SCOTT, J. STEPHEN 2,753,257
SCOTT, JOHN S. 2,751,687
SCOTT, WILLIAM J. 2,526,617
SEHLIN, DAG 2,630,344
SELLES, OLIVIER E. 2,761,355
SELVARAJ, RAJ 2,620,585
SENGER, RETO 2,682,298
SENGUPTA, DIPANJAN 2,529,401
SENSORTRAN, INC 2,767,158
SENVION SE 2,811,120
SEOK, YONG HO 2,786,622
SERRA COMAS, MARIA DEL CARMEN 2,706,565
SEVERAC, ROMAIN 2,688,152
SHAKESPEARE, JOHN F. 2,633,253
SHAKESPEARE, TARJA T. 2,633,253
SHANG, XIAO 2,609,353
SHAPIRO, OFER 2,633,366
SHAVEL, LUZ CLARENA 2,658,753
SHAW, DAVID W. 2,791,232
SHAY, GREGORY D. 2,677,787
SHAYONANO SINGAPORE PTE LTD 2,680,164
SHEERIN, ROBERT 2,658,753
SHELBY, TRACY WAYNE 2,671,368
SHELTON, DAVID LOUIS 2,716,424
SHERRY, DEVIN TODD 2,671,368
SHERWOOD SERVICES AG 2,522,633
SHIBUTANI, TADAO 2,723,455
SHIMMA, NOBUO 2,659,604
SHINHAMA, KOICHI 2,686,092
SHRED-TECH CORPORATION 2,621,827
SHUE, SHYHPYNG JACK 2,738,818
SICPA HOLDING SA 2,666,650
SIERCKS, KNUT 2,793,572
SIGNAL TRUST FOR WIRELESS INNOVATION 2,712,077
SILBERSTEIN, RALPH ANDREW 2,620,140
SILVESTRE, NATHALIE 2,675,355
SIM, DOK TAE 2,710,440
SIMISTER, MATTHEW P. 2,814,779
SIMONS, BERT 2,615,381
SINGLETON, MICHAEL PETER 2,647,964
SIRIUS XM CONNECTED VEHICLE SERVICES INC. 2,737,850
SITTINGER, VOLKER 2,727,650
SIVERA, PATRICK 2,741,975
SIVIK, MARK ROBERT 2,803,629
SKAKOON, JAMES G. 2,817,038
SLACK, MAURICE WILLIAM 2,816,942
SLATON, ZACHARY 2,810,230
SLING MEDIA, INC. 2,660,350
SMARTSHARE SYSTEMS APS 2,609,606
SMILEY, BRENDA K. 2,787,766
SMITH, BRIAN 2,529,401
SMITH, DAVID S. 2,733,916
SMITH, RHETT 2,868,859
SMITH, STUART B. 2,505,953
SMITH, TIM 2,728,432
SMITHSON, ROBERT A. 2,814,779
SNECMA 2,581,405
SNECMA 2,582,638
SNECMA 2,622,119
SNECMA 2,625,317
SNECMA 2,625,319
SNECMA 2,639,602
SNO-WAY INTERNATIONAL, INC. 2,669,261
SNO-WAY INTERNATIONAL, INC. 2,808,304
SOEDA, TSUYOSHI 2,687,245
SOLETTI, LORENZO 2,677,033
SOLIOS CARBONE 2,690,915
SOLIOS ENVIRONNEMENT 2,690,915
SOLOWIEJKO, GEORGE 2,601,661
SONDEREGGER, RALPH L. 2,534,726
SONY CORPORATION 2,614,058
SONY CORPORATION 2,674,969
SONY CORPORATION 2,709,689
SONY ELECTRONICS INC. 2,674,969
SONY ELECTRONICS INC. 2,709,689
SONY PICTURES ENTERTAINMENT INC. 2,614,058
SOOD, ANUP 2,669,317
SOON-SHIONG, PATRICK M.D. 2,620,585
SORGI, KIRK L. 2,672,661
SOWERBY, ROGER L. 2,667,479
SPACESAVER CORPORATION 2,793,385
SPARICA, DEJAN 2,727,827
SPENDLOVE, REX S. 2,566,864
SPENGLER, ALOIS 2,684,338
SPENIK, JOHN 2,637,182
SPICER, SEAN 2,671,592
SPIELBAUER, ANNETTE 2,787,766
SPORTS & SUPPORTS LIMITED 2,676,285
SPRAYING SYSTEMS CO. 2,611,810
SPRAYING SYSTEMS CO. 2,641,358
SPRINGETT, FRANK BENJAMIN 2,801,800
SRACK, JANET M. 2,828,598
SRACK, ROBERT W. 2,828,598
SRIVASTAVA, S. KRISHNA 2,600,807
SRIVASTAVA, SHIV 2,485,138
ST. JUDE MEDICAL PUERTO RICO LLC 2,692,565
STAK ENTERPRISES, INC. 2,591,375
STALET, GILLES 2,741,975
STANKUS, JOHN J. 2,677,033
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CHEN, GUOQING 2,887,129
CHEN, JUNYU 2,887,157
CHEN, TIANYOU 2,887,507
CHEN, XIAOLING 2,887,539
CHEN, YI-WEN 2,887,106
CHEN, YI-WEN 2,887,452
CHEN, YIHUI 2,887,563
CHEVRON ORONITE COMPANY LLC 2,887,233
CHEVRON U.S.A. INC. 2,887,139
CHEVRON U.S.A. INC. 2,887,175
CHIN, MICHAEL GREGORY 2,887,512
CHIODO, TIZIANA 2,887,540
CHO, HANGYU 2,887,449
CHOI, JINSOO 2,887,449
CHOI, SUNGMEE 2,887,240
CHRISTIANSEN, ANDREA 2,887,107
CHRISTIANSEN, ANDREA 2,887,565
CHRISTIANSEN, ANDREA 2,887,582
CHU, HONG DONG 2,887,348
CICCOGNANI, DIANA 2,887,240
CLARK, DOUGLAS WILLIAM 2,887,139
CLARK, PHILLIP TODD 2,887,021
CLEAR CHANNEL MANAGEMENT SERVICES, INC. 2,887,359
CLOTEAM, LLC 2,887,227
CLOUGH, JEFFREY 2,887,203
COEXPAIR 2,887,325
COFFEY, DUNCAN 2,887,574
COGEN, JEFFREY M. 2,887,040
COGEN, JEFFREY M. 2,887,042
COHN, WILLIAM E. 2,887,557
COLASSON, STEPHANE 2,887,386
COLEMAN, TODD PRENTICE 2,887,535
COLES, NATHAN D. 2,887,143
COLLIN, PHILIPPE 2,887,325
COLLINS, LARRY WAYNE 2,887,021
COLOM, SITRA 2,887,105
COLOM, SITRA 2,887,108
COLOM, SITRA 2,887,114
COLWELL, SCOTT 2,887,236
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 2,887,386
COMORGE, ALAIN 2,887,473
CONDIT, RICKIE LEE 2,886,944
CONETE, ERIC 2,887,464

CONG, RUTH 2,887,575
CONRON, SARAH M. 2,887,101
CONSEIL ET TECHNIQUE 2,887,253
CONTORNI, MARIO 2,886,938
CONTROL COMPONENTS, INC. 2,887,184
COOLEY, ROY J. 2,887,602
CORAVIN, INC. 2,887,451
CORAVIN, INC. 2,887,453
CORION BIOTECH S.R.L. 2,886,946
CORMATRIX CARDIOVASCULAR, INC. 2,887,347
CORMATRIX CARDIOVASCULAR, INC. 2,887,350
CORPORATE GROWTH AND DEVELOPMENT INC. DBA FRUKT SNO 2,887,236
CORRE, BERNARD 2,887,319
CORRE, PIERRE-YVES 2,887,358
CORREA, BETH 2,887,586
CORRIA OSORIO, ANGEL DE JESUS 2,887,455
CORSELL, PETER 2,887,051
COSTLE, CAREY 2,887,451
COTTEN, GERALD 2,887,586
COUTANDIN, DANIELE 2,876,565
COX, JASON M. 2,887,348
CREO MEDICAL LIMITED 2,887,384
CRICKMORE, ROGER 2,887,160
CRODA INTERNATIONAL PLC 2,887,374
CRONIN, JAMES TIMOTHY 2,887,574
CRONIN, MARK W., JR. 2,887,539
CROTEAU, SERGE 2,887,511
CROWELL, TALBOTT 2,887,211
CROWLEY, MATTHEW 2,887,192
CSILLAG, FRANK J. 2,887,561
CUI, LONGLAN 2,887,157
CUNNINGHAM, BRIAN 2,887,383
CZEREPINSKI, JENNIFER H. 2,887,561
DAICEL CORPORATION 2,887,162
DALE, GLENN E. 2,887,388
DANIEL, JOHN 2,887,568
DANILEVSKAYA, OLGA N. 2,887,143
DANTENG PTY LTD 2,887,447
DARLAK, KRZYSZTOF 2,887,285
DARMSTADT, ADAM 2,887,552
DAROIS, ROGER E. 2,854,740
DAVIDSON, GREGORY J.E. 2,887,501
DAVIDUK, MATTHEW J. 2,887,509
DAVIS, BRIAN D. 2,887,305
DAY, RICHARD 2,887,134
DE MAN, BRECHT 2,887,124
DEATON, JAMES E. 2,887,557
DEBENHAM, JOHN S. 2,887,348
DECARR, GARY 2,887,125
DECIU, COSMIN 2,887,094
DEGALEESAN, SUJATA 2,887,392
DEGELMAN, SCOTT 2,887,163
DELAVAL HOLDING AB 2,887,408
DELAVAL HOLDING AB 2,887,410
DELAVAL HOLDING AB 2,887,413
DELAVAUD, FABIEN 2,887,338
DELCLAUD, MARIE 2,887,105
DELCLAUD, MARIE 2,887,108
DELCLAUD, MARIE 2,887,114
DELORME, BRUNO 2,887,583
DEMMEL., ANDREAS 2,887,331
DEMMEL., ANDREAS 2,887,357
DENISON, MARK R. 2,887,230
DENISON, MARK R. 2,887,231
DENTSPLY INTERNATIONAL INC. 2,887,510
DERRICK CORPORATION 2,887,415
DERUNTZ, OTTO 2,887,453
DESELM, LIZBETH CELESTE 2,887,539
DEVOS, THEODORE 2,887,461
DIAMOND, CORMAC 2,887,327
DIEFFENBACHER GMBH MASCHINEN- UND ANLAGENBAU 2,887,577
DIESEL DIRECT, INC. 2,887,567
DIETZ, MARTIN 2,887,188
DIGARD BROU DE CUISSART, SEBASTIEN 2,887,335
DIL DEUTSCHES INSTITUT FUR LEBENSMITTELTECHNIK E.V. 2,887,381
DILHAN, DENIS 2,887,253
DING, PINGYU 2,887,203
DIONNE, JASON 2,887,318
DISCH, SASCHA 2,887,188
DISCH, SASCHA 2,887,228
DJUROVICH, PETER I. 2,887,101
DOBROWNEY, RICHARD 2,887,236
DODDS, JACK 2,887,506
DOHERTY, JANINE 2,887,586
DOLLE, VOLKER 2,887,332
DOLLE, VOLKER 2,887,336
DONLEY, CHRISTOPER J. 2,887,235
DOOSAN HEAVY INDUSTRIES & CONSTRUCTION CO., LTD. 2,887,437
DORRESTEIN, ALEXANDER 2,887,308
DOUSSON, CYRIL B. 2,887,578
DOW AGROSCIENCES LLC 2,887,364
DOW AGROSCIENCES LLC 2,887,482
DOW GLOBAL TECHNOLOGIES LLC 2,887,040
DOW GLOBAL TECHNOLOGIES LLC 2,887,042
DOW GLOBAL TECHNOLOGIES LLC 2,887,053
DOW GLOBAL TECHNOLOGIES LLC 2,887,157
DOW GLOBAL TECHNOLOGIES LLC 2,887,426
DOW GLOBAL TECHNOLOGIES LLC 2,887,558
DOW GLOBAL TECHNOLOGIES LLC 2,887,559
DOWNHOLE INNOVATIONS, LLC 2,887,221
DOYLE, DOMINIC 2,887,382
DRIESSEN AEROSPACE GROUP NV 2,887,386
DROSTE, STEFAN 2,887,333
DUBE, SIMANT 2,887,499
DUESING, MICHAEL 2,887,454
DUFOUR, BRUNO 2,887,369
DUGLIO, FRANCO 2,887,342
DUKHAN, DAVID 2,887,578
DUMITRESCU, ION 2,886,952
DUTTA, RICHARD PRAN 2,887,233
DWYER, THOMAS ALEXANDER 2,887,299
DYBALLA, KATRIN MARIE 2,887,107
DYBALLA, KATRIN MARIE 2,887,565
DYBALLA, KATRIN MARIE 2,887,582
DYGERT, DOUG 2,887,267
DZAKULA, ZELJKO 2,887,094
E.I. DU PONT DE NEMOURS AND COMPANY 2,887,143
EAGEN, KEITH 2,887,348
EATON CORPORATION 2,887,102
EATON CORPORATION 2,887,121
EATON CORPORATION 2,887,123
EBBERS, TIMOTHY K. 2,887,509
EBERLE, JAMES JOSEPH 2,887,308
EDLER, BERND 2,887,188
EISELE, KARL-HEINZ 2,886,939
ELDEMENKY, EMAN MOHAMMED 2,887,096
ELEVANCE RENEWABLE SCIENCES, INC. 2,887,466
ELI LILLY AND COMPANY 2,887,296
ELLIS, JEFFREY L. 2,887,296
ELMAANAOUI, BADR 2,887,431
EMGENBROICH, MARCO 2,887,085
ENDERLE, JOHANNES-FRIEDRICH 2,887,332
ENDERLE, JOHANNES-FRIEDRICH 2,887,336
ENDL, BIRGIT 2,887,098
ENGINEERING DESIGN AGENCY LIMITED 2,887,270
ENRICHMENT TECHNOLOGY COMPANY LTD. 2,887,605
ENVIROLOGICS ENGINEERING INC. 2,887,279
EP TECHNOLOGIES, LLC 2,887,339
EPIZYME, INC. 2,887,243
EPIZYME, INC. 2,887,562
ERB, MICHAEL J. 2,887,121
ERIKSSON, JAN 2,887,410
ESCURET, JEAN-FRANCOIS 2,887,119
ETABLISSEMENT FRANCAIS DU SANG 2,887,583
EVERS, ANDREAS 2,887,272
EVERTS, DARRELL K. 2,887,561
EVONIK DEGUSSA GMBH 2,887,023
EVONIK DEGUSSA GMBH 2,887,107
EVONIK DEGUSSA GMBH 2,887,565
EVONIK DEGUSSA GMBH 2,887,582
EVONIK INDUSTRIES AG 2,886,966
EVONIK INDUSTRIES AG 2,887,023
EVOQUA WATER TECHNOLOGIES LLC 2,887,132
EXTON, JOHN 2,887,158
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,887,152

EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,887,345
EYB, ENNO 2,887,194
F. HOFFMANN-LA ROCHE AG 2,887,136
F.HOFFMANN-LA ROCHE AG 2,887,497
F.HOFFMANN-LA ROCHE AG 2,887,508
FABRE, ADRIEN JACQUES PHILIPPE 2,887,110
FACEBOOK, INC. 2,887,128
FACEBOOK, INC. 2,887,390
FACEBOOK, INC. 2,887,513
FAIRLEY, MARTIN GEORGE 2,887,372
FALCONE, MATTHEW JAMES 2,887,510
FAN, KAI 2,887,263
FARE S.R.L. 2,887,463
FARRELL, THOMAS P. 2,887,556
FEARS, BRETT 2,887,298
FELIX, LARRY G. 2,887,334
FELTS, JOHN T. 2,887,352
FELTS, JOHN T. 2,887,367
FELZMANN, WOLFGANG 2,887,098
FERGUSON, JOHN 2,887,352
FERGUSON, JOHN 2,887,367
FERNANDEZ, FABIANA 2,887,133
FERRARI, LORENZO 2,887,501
FERRITER, MATTHEW S. 2,887,504
FIRTH, BRUCE 2,887,466
FISK, JASON S. 2,887,482
FISK, THOMAS E. 2,887,352
FISK, THOMAS E. 2,887,367
FLEMING, WESLEY JUSTIN 2,887,609
FLICK, JEAN-MARC 2,887,222
FLICK, JEAN-MARC 2,887,322
FLODER, JASON P. 2,887,217
FLODESIGN SONICS, INC. 2,887,318
FLOHR, ALEXANDER 2,887,136
FLORY, ANNY L. 2,887,040
FLORY, ANNY L. 2,887,042
FLUHR, NORBERT 2,887,087
FONSER, PER 2,887,550
FONTAINE, LAURENT 2,887,326
FORBES JONES, ROBIN M. 2,887,217
FORD, CHRISTOPHER TODD 2,887,211
FORES, STUART E. 2,887,088
FORNI, THERESA 2,887,552
FOURDS LIMITED 2,887,327
FOURMIGUE, JEAN-FRANCOIS 2,887,386
FRACHE, ALBERTO 2,887,099
FRANCISCO, GERARDO 2,887,169
FRANCO REY, JORGE 2,887,159
FRANCO, RAQUEL MARTINEZ 2,887,542
FRANK, ANDREA 2,887,376
FRANK, ANDREA 2,887,399
FRANKE, ROBERT 2,887,107
FRANKE, ROBERT 2,887,565
FRANKE, ROBERT 2,887,582
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,887,188
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,887,228
FRAYLING, CAMERON ALEXANDER 2,887,320
FRAYLING, CAMERON ALEXANDER 2,887,323
FRAZIER, ANDREW 2,887,557
FREEDMAN, JONATHAN R. 2,887,352
FREEDMAN, JONATHAN R. 2,887,367
FREIBERGER, AVNER 2,887,494
FREITAS, STEPHEN GERALD 2,887,184
FRESENIUS KABI DEUTSCHLAND GMBH 2,887,095
FRICKER, CHRIS 2,887,339
FRIDAG, DIRK 2,887,107
FRIDAG, DIRK 2,887,565
FRIDAG, DIRK 2,887,582
FRIEDRICHSON, TIM 2,887,385
FRIESS, THOMAS 2,887,508
FRISEN, JONAS 2,886,974
FRYCEK, GEORGE J. 2,887,482
FUCHS, BENJAMIN 2,887,574
FUCHS, HARALD 2,887,228
FUJIYAMA, NAOYUKI 2,887,167
FULLAM, SCOTT 2,887,142
FULLAM, SCOTT 2,887,393
FUNG, RAYNARD 2,887,535
FURAR, ELIZABETH A. 2,887,600
FUTABA INDUSTRIAL CO., LTD. 2,887,269
FUTRAL, DAN 2,887,267
GAETA, ANTHONY C. 2,887,561
GALL, BARBARA 2,887,332
GALL, BARBARA 2,887,336
GANTT, ASHLEY IVERY 2,887,111
GANTT, ASHLEY IVERY 2,887,417
GARCIA, CARLOS 2,887,576
GARCIA, CARLOS 2,887,584
GARDNER, JEREMY 2,887,248
GARRAUD, EMMANUEL 2,887,337
GAS TECHNOLOGY INSTITUTE 2,887,334
GASPARIAN, AKOP 2,887,545
GAUTHIER, MARIO 2,887,501
GAVARD MOLLIARD, SAMUEL 2,887,316
GE AVIO S.R.L. 2,876,565
GE LIGHTING SOLUTIONS, LLC 2,887,553
GEHRET, JOHN K. 2,887,430
GEIGER, RALF 2,887,188
GEILEN, FRANK 2,887,023
GELMAN, MARINA 2,887,203
GENERAL ELECTRIC COMPANY 2,887,260
GENERAL ELECTRIC COMPANY 2,887,262
GENERAL ELECTRIC COMPANY 2,887,263
GENERAL ELECTRIC COMPANY 2,887,351
GEORGIA-PACIFIC CHEMICALS LLC 2,887,362
GEORGIA-PACIFIC CHEMICALS LLC 2,887,483
GEORGIA-PACIFIC GYPSUM LLC 2,887,389
GEOTECH AIRBORNE LIMITED 2,887,506
GERDES, CHRISTIAN 2,887,508
GESTAMP HYBRID TOWERS, S.L. 2,887,159
GIASSON, DAVID 2,886,952
GIL DA COSTA, RICARDO 2,887,535
GILBERT, ALEXANDRE 2,886,952
GILFILLAN, ROBERT 2,887,312
GILLARD, MARC 2,887,325
GINESTET, DAVID 2,887,338
GIOVANDO, SAMUELE 2,886,961
GLAXOSMITHKLINE BIOLOGICALS S.A. 2,886,938
GLYCOREGIMMUNE, INC. CARRYING ON BUSINESS AS GRI BIO, INC. 2,887,385
GLYCOVAXYN AG 2,887,133
GLYNN, TIMOTHY K. 2,887,361
GOERTEK INC 2,887,519
GOLDBURG, MARC 2,887,584
GOLDHOFER AG 2,887,198
GOLDITZ, CHRISTIAN 2,886,966
GOLLA, CHRISTOPHER 2,887,306
GOMES, JOSHUA 2,887,341
GONZALEZ, LUIS A. 2,887,525
GORGES, ROLAND 2,887,095
GOSSELIN, GILLES 2,887,578
GOU, ZEMING 2,887,527
GOULD, JOEL 2,887,141
GOUTOPOULOS, ANDREAS 2,887,539
GOVENDER, KRISHNA 2,887,543
GRAF, MATTHIAS 2,887,577
GRAHAM, MARY 2,887,128
GRAY, ROBERT 2,887,339
GREAVES, MARTIN R. 2,887,558
GREEN SUGAR GMBH PRODUKTINNOVATIONEN AUS BIOMASSE 2,887,258
GREENFIELD, HANNAH 2,887,256
GRIFFITHS, NEIL 2,887,192
GRIFFON, JEAN-FRANCOIS 2,887,578
GRIGOLEIT, PATRICIA 2,887,095
GROENEWOLT, MATTHIJS 2,887,376
GROENEWOLT, MATTHIJS 2,887,399
GROTTENTHALER, DAVID LEIGH 2,887,599
GROVE-RASMUSSEN, SVEND 2,887,246
GROVE-RASMUSSEN, SVEND 2,887,249
GROVE-RASMUSSEN, SVEND 2,887,250
GRUNDEMAN, CHRISTOPHER 2,887,235
GRUNDMANN, JORN 2,887,458
GU, QU-MING 2,887,104
GUESTLOGIX, INC. 2,887,373
GUIDORZI, LUCIANO 2,883,889
GUIGNARD, CELINE 2,887,100
GUILLEN, GREGORY R. 2,887,556
GUIPONT, VINCENT 2,887,103

GULLI, ANTONIO 2,887,499
GUPTE, KAUSTUBH S. 2,887,040
GUPTE, KAUSTUBH S. 2,887,042
GURCAN, MUSTAFA 2,887,479
H. LUNDBECK A/S 2,887,096
HA, EDWARD 2,887,129
HAACK, TORSTEN 2,887,272
HACHET, EMILIE 2,887,324
HAFNER, ANDREAS 2,887,540
HAFNER, JURGEN 2,886,956
HAGGMARK, CARL 2,887,550
HAGIOPOL, CORNEL 2,887,362
HAGIOPOL, CORNEL 2,887,483
HAGQVIST, PETER 2,887,550
HALDOR TOPSOE A/S 2,887,542
HALLAM, JOHN W. 2,887,574
HALLIBURTON ENERGY SERVICES, INC. 2,887,116
HALLIBURTON ENERGY SERVICES, INC. 2,887,173
HALLIBURTON ENERGY SERVICES, INC. 2,887,306
HALLIBURTON ENERGY SERVICES, INC. 2,887,394
HALLUNDBAEK, JORGEN 2,887,541
HAMEL, JEFFREY ANTHONY 2,887,262
HAMMAD, JAMAL 2,887,045
HAMRE, LASSE 2,887,359
HAMRICK, LYNN WARREN 2,887,557
HAN, YONGXIN 2,887,312
HANCOCK, CHRISTOPHER PAUL 2,887,384
HANDY & HARMAN 2,887,472
HANDY & HARMAN 2,887,476
HANNA, RAMEZ 2,887,373
HANNEBAUER, BERND 2,887,107
HANNEBAUER, BERND 2,887,565
HANNEBAUER, BERND 2,887,582
HANNING, SILKE 2,887,399
HANNOUSH, CAMILE 2,887,365
HANSEN, LARS ELMEKILDE 2,887,246
HANSEN, LARS ELMEKILDE 2,887,249
HANSEN, LARS ELMEKILDE 2,887,250
HANSSON, MARTIN 2,887,550
HANTOVER, INC. 2,887,353
HARINGER, CHRISTOPH 2,887,357
HARMAN, RODNEY JAMES 2,887,225
HARRIS, MICHAEL WAYNE 2,887,137
HARRIS, WILLIAM I. 2,887,426
HARRIS, WILLIAM J. 2,887,426
HARRISON, JAMES 2,887,429
HARTMANN, JURGEN 2,886,966
HARVEY, ALFRED JOSEPH 2,887,504
HASMANN, MAX 2,887,508
HAYASHI, MOTOKO 2,887,162
HAYASHI, TOMOKI 2,887,404
HB CONCEPTS, LLC 2,887,365
HEARN, FRANCIS J. 2,887,396
HECKLER & KOCH GMBH 2,887,087
HEIMBACH, KYLE R. 2,887,304
HEINTZ, AMY M. 2,887,296
HEINZ, VOLKER 2,887,381
HELLAT, JAAN 2,887,454
HELLMUTH, OLIVER 2,887,228
HELMS, ROGER W. 2,887,123
HEMMES, JAN-LUIKEN 2,887,097
HEMMES, JOHANNES C. 2,887,349
HENKEL, BERND 2,887,272
HENNENFENT, GILLES 2,887,139
HENNENFENT, GILLES 2,887,175
HENRIQUEL, PATRICK 2,887,319
HENSEL, CHARLES HENRY 2,887,310
HEO, JIN 2,887,120
HERAKLES 2,887,464
HERLIHY, JAMES PATRICK 2,887,295
HERMES, FLORIAN 2,886,966
HERR, JOSHUA 2,887,504
HERRE, JURGEN 2,887,228
HESS, DIETER 2,887,107
HESS, DIETER 2,887,565
HESS, DIETER 2,887,582
HESSE, RAINER 2,887,109
HIGHSMITH, TENISHA 2,887,434
HILL, DAVID 2,887,160
HILLSTROM, LARS 2,887,550
HINTERMANN, TOBIAS 2,887,540
HIRAOKA, TAKAO 2,887,113
HIRAOKA, TAKAO 2,887,589
HIRASAWA, KAZUAKI 2,887,162
HO, JAEHO 2,887,437
HO, THE HIEN 2,887,326
HOCHFELLNER, JOHN 2,887,279
HODAC, BERNARD 2,886,942
HODGES, DAVID GREGORY 2,887,507
HOEK, ERIC M.V. 2,887,556
HOFFMEISTER, KARIN 2,887,083
HOLLARS, ANTHONY 2,887,451
HOLM, RAYMOND GUST 2,887,351
HOLMES, ELIZABETH 2,887,492
HONDA MOTOR CO., LTD. 2,887,118
HONDA MOTOR CO., LTD. 2,887,161
HONJO, SHINTARO 2,887,424
HONJO, SHINTARO 2,887,440
HOOGEVEEN, ANDREAS 2,887,386
HOPPER, ALLEN T. 2,887,096
HORL, WERNER 2,887,331
HORNBACH, MARIA 2,887,328
HU, YONG 2,887,564
HUANG, YU-HWA 2,887,528
HUBNER, KATHARINA 2,887,376
HUBNER, KATHARINA 2,887,399
HUBUB INC. 2,887,051
HUCK, BAYARD R. 2,887,539
HUFF PHILGREEN, HILARY LYNNE 2,887,353
HUHTALA, KIMMO 2,887,097
HUNT, DAVID G. 2,887,527
HUNTLEIGH TECHNOLOGY LIMITED 2,887,140
HUTCHINSON 2,887,369
HUTCHISON, RICHARD MARTIN 2,887,608
HUTTON, THOMAS K. 2,887,354
I-CES (INNOVATIVE COMPRESSION ENGINEERING SOLUTIONS) 2,887,366
ICHIMURA, GEN 2,887,200
ICL-IP AMERICA INC. 2,887,169
IDEAL INDUSTRIES, INC. 2,887,153
IDENIX PHARMACEUTICALS, INC. 2,887,578
IGEL, DOMINIK 2,887,110
IGENICA, INC. 2,887,129
IKANOS COMMUNICATIONS, INC. 2,887,487
IKANOS COMMUNICATIONS, INC. 2,887,491
ILLINOIS TOOL WORKS INC. 2,887,608
ILSEMAN, ALEXANDER D. 2,887,466
IMPERIAL INNOVATIONS LIMITED 2,887,479
INITLIVE INC. 2,887,070
INSURANCE SERVICES OFFICE, INC. 2,887,494
INTERCONTINENTAL GREAT BRANDS LLC 2,887,586
INTRALINKS, INC. 2,887,211
INUI, MASAYUKI 2,887,115
INVENTIO AG 2,887,317
IONESCU, MIHAI 2,887,329
IRWIN, KENNETH EARL, JR. 2,887,387
IRWIN, KENNETH EARL, JR. 2,887,407
IRWIN, KENNETH EARL, JR. 2,887,412
ISAAC, THOMAS HENRY 2,887,320
ISAAC, THOMAS HENRY 2,887,323
ISAKSSON, ROLAND 2,887,550
ISMAGILOV, RUSTEM F. 2,887,206
ISOWAKI, AKIHARU 2,887,589
ISRAELACHVILI, JACOB 2,887,352
ITO, SHINJI 2,887,161
IVANOVIC, ZORAN 2,887,583
IVES, JAMES 2,887,521
IYENGAR, SUJATHA 2,887,561
IZHAKY, DAVID 2,887,494
JAASKELAINEN, MIKKO 2,887,116
JACKSON, DAVID 2,887,129
JACKSON, PHILIP 2,887,140
JACOB, UWE 2,887,164
JACQUEMARD, CHRISTOPHE 2,887,110
JACQUEMOND, JEREMIE 2,887,369
JAMISON, DALE E. 2,887,173
JAPAN SCIENCE AND TECHNOLOGY AGENCY 2,886,980
JARVINEN, KRISTIINA 2,887,460
JELICH, DAMIAN A. 2,887,557
JENNINGS, GARY 2,887,385
JENSEN, PAUL A. 2,887,135
JESSING, MIKKEL 2,887,096
JHA, BINIT KUMAR 2,887,499
JIA, LIJIE 2,887,349
JIANG, YU 2,887,096
JOE, JOSEPH C. 2,887,295
JOHNSON, MICHAEL A. 2,887,088
JOHNSON, MICHAEL DUDLEY 2,887,513
JOHNSON, THERESA L. 2,887,539
JOHNSTON, JAMES W. 2,887,362
JOHNSTON, JAMES W. 2,887,483
JOLIDON, SYNESE 2,887,136
JONES, ADAM 2,887,574
JONES, JESSE 2,887,360
JONES, ROBERT S. 2,887,004

JORDAN, HENRY JOE, JR. 2,887,221
JORDAN, RICHARD K. 2,887,601
JORDAN, RICHARD K. 2,887,602
JOURDEN, JODY 2,887,240
JU, SHULIN 2,887,569
JUNG, HERBERT 2,886,966
JUNG, JIWOOK 2,887,120
JUNGFER, BERND 2,887,205
JUNTUNEN, KARI 2,887,460
JX NIPPON OIL & ENERGY CORPORATION 2,887,162
KACPRZAK, KAROL 2,887,025
KAGAWA, MASASHI 2,887,404
KAMADA, MASAHIKO 2,887,585
KAMANN, MARTIN 2,887,205
KANER, RICHARD B. 2,887,556
KANNENBERG, JOHANNES 2,887,566
KAPLAN, DAVID L. 2,887,495
KAPLAN, DAVID L. 2,887,498
KARYMOV, MIKHAIL 2,887,206
KASEMAN, BRIAN 2,887,296
KASSNER, KRISTINA 2,887,085
KAST, GEORGE 2,887,309
KATO, MAKOTO 2,887,269
KAWAHARA, KOJI 2,887,589
KAWAHATA, NORIYUKI 2,887,285
KAWASAKI, SHINJI 2,887,161
KAWASHIMA, YUKI 2,887,162
KBA-NOTASYS SA 2,887,166
KEASLER, WILLIAM EDWARD JR. 2,887,491
KEILHACK, HEIKE 2,887,243
KEITH, STEVEN 2,887,504
KELLER, BRUNO 2,886,966
KEMIRA OYJ 2,887,097
KEMMET, RYAN KENNEDY 2,887,599
KEMP, NATHANIEL J. 2,887,360
KEMP, NATHANIEL J. 2,887,361
KEMP, NATHANIEL J. 2,887,431
KENMOCHI, CHIHIRO 2,887,589
KENNEDY, THOMAS J., III 2,887,318
KEPPLER, CHRISTOF 2,887,357
KERSCHBAUMER, ANDREAS 2,887,095
KESSNER, MARTIN 2,887,093
KESWANI, SUSHIL N. 2,887,153
KHALID, SYED ARIF 2,887,260
KILBURN, JOHN PAUL 2,887,096
KIM, GYU DONG 2,887,437
KIM, JEONGKI 2,887,449
KIM, SUN, YOUNG 2,887,129
KIM, TAESUP 2,887,120
KING SUNSHINE SOLAR SYSTEMS INC. 2,887,516
KINSELLA, TODD 2,887,203
KIZER, LAWTON E. 2,887,527
KLEIN, CHRISTIAN 2,887,486
KLEIN, DOMINIC 2,887,356
KLUG, RICHARD J. 2,887,504
KNIGHTS, ANDREW 2,887,439
KNOETGEN, HENDRIK 2,887,486
KNOLKER, HANS-JOACHIM 2,887,385
KNUST, HENNER 2,887,136
KNUTSON, SARAH K. 2,887,243
KOEHLER, ERIC P. 2,887,601
KOEHLER, ERIC P. 2,887,602
KOHLER, DANIEL 2,887,087
KOLE, RYSZARD 2,887,461
KOLLEP, ALEXANDRE 2,887,222
KOMANDER, ALEXANDRA 2,887,460
KOMPLIN, GLENN CHARLES 2,887,138
KONDOH, TSUNEAKI 2,887,398
KOO, MOONMO 2,887,120
KORTSCHACK, FRITZ 2,887,381
KOSE, FRANK 2,887,258
KOTSIOPOULOS, GEORGE 2,887,158
KOUHIA, ANSSI 2,887,473
KOWARIK, MICHAEL 2,887,133
KOZAKI, TAKASHI 2,887,011
KOZLYUK, VALERI 2,887,008
KRENN, CHRISTIAN 2,887,095
KRISHNAMOORTHY, SIVARAMAKRISHNAN 2,887,510
KRISNA, ANDRE 2,887,306
KUDO, TOMOYUKI 2,887,468
KUMAR, AMIT 2,887,305
KUMAR, RAJINDER 2,887,375
KUMMETH, PETER 2,887,458
KUNTZ, KEVIN WAYNE 2,887,562
KURIBAYASHI, YOSHIMITSU 2,887,432
KUSTOWSKI, BOGDAN LUKASZ 2,887,139
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 2,887,105
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 2,887,108
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 2,887,114
LABOURDETTE, RICHARD 2,887,319
LAFOND, GREGORY G. 2,887,561
LAFOSSE-MARIN, ISABELLE 2,887,607
LAMPE-ONNERUD, MARIA CHRISTINA 2,887,227
LAN, PING 2,887,348
LAN, RUOXI 2,887,539
LANDAIS, LAURENT FRANCOIS GERARD 2,887,330
LANDI, GIACOMO 2,887,251
LANDMARK GRAPHICS CORPORATION 2,887,305
LANDY, JOHN 2,887,211
LANE, ANN 2,887,434
LANGFELDER, KIM 2,887,460
LANXESS INTERNATIONAL S.A. 2,887,501
LAPOINTE, PHILIPPE 2,887,319
LAPPERT, AURELIA 2,887,085
LAVOUTE, PASCAL 2,887,442
LAZARIS, NICHOLAS G. 2,887,453
LEBLANC, SANIYA 2,887,213
LECOMTE, JEANNE-MARIE 2,887,330
LEE, CHRIS C. 2,887,346
LEE, CRYSTAL 2,887,416
LEE, MICHAEL EARL 2,887,417
LEINONEN, TAIJA 2,887,460
LENGAUER, HANNES 2,887,098
LEON MONZON, KALET 2,887,455
LEONHARD, JOHANNES JOSEF 2,887,085
LEUNG, DANIEL TAK YIU 2,887,311
LEVITT, LEON 2,887,088
LEVSEN, CLARK A. 2,887,353
LEWANDOWSKA, MARTA 2,887,025
LG ELECTRONICS INC. 2,887,120
LG ELECTRONICS INC. 2,887,449
LI, CHUN SING 2,887,312
LI, DONGSHENG 2,887,380
LI, JUAN 2,887,157
LI, KE 2,887,519
LI, MEI 2,887,364
LI, XIAODONG 2,887,519
LI, YAOZONG 2,887,312
LIBIS, JEAN-PAUL 2,887,386
LIEVRE, LAURIER 2,887,516
LIGHTSPEED ONLINE RESEARCH, INC. 2,887,311
LIGNEAU, XAVIER 2,887,330
LILGE, DIETER 2,887,332
LILGE, DIETER 2,887,336
LILLIE, KEVIN 2,887,279
LIN, JAMES 2,887,306
LIN, JIAN-LIANG 2,887,106
LIN, JIAN-LIANG 2,887,452
LIN, JUCHUI RAY 2,887,132
LIN, THOMAS S. 2,887,040
LIN, THOMAS S. 2,887,042
LIN, ZHIZHONG 2,887,564
LINCK, MARTIN B. 2,887,334
LINDE AKTIENGESELLSCHAFT 2,887,205
LINDSAY, WILBERT E. 2,887,121
LINEAGEN, INC. 2,887,310
LINGENFELTER, THOR G. 2,887,600
LIOR, ADAM D. 2,887,561
LIPKENS, BART 2,887,318
LIPOSCIENCE, INC. 2,887,475
LIPPINCOTT, JOHN 2,887,129
LIRIO, DARIO R. 2,887,211
LIU, LEI 2,887,364
LIU, QIYONG PETER 2,887,083
LLEIDANETWORKS SERVEIS TELEMATICS, S.A. 2,887,321
LOGAN, DYLAN 2,887,439
LONDON, CLARE 2,887,348
LOUBET, BRUNO 2,887,366
LOVETT, MICHAEL 2,887,495
LOVETT, MICHAEL 2,887,498
LOWE, DAVID J. 2,887,574
LTS LOHMANN THERAPIE-SYSTEME AG 2,887,085
LU, QIANXI 2,887,219

LUEBBERS, THOMAS 2,887,136
LUMMUS TECHNOLOGY INC. 2,887,299
LUNA, MICHAEL EDWARD SMITH 2,887,142
LUNA, MICHAEL EDWARD SMITH 2,887,393
LUNDEBERG, JOAKIM 2,886,974
LUO, YUNFU 2,887,312
MA, RUI 2,887,535
MACO PHARMA 2,887,583
MADLAND, STEVEN M. 2,887,296
MAGGS, MICHAEL 2,887,224
MAHIEUX, CEDRICK 2,887,233
MALONEY, JAMES G. 2,887,121
MALONEY, JAMES G. 2,887,123
MANAI, MYRIAM 2,886,952
MANCA, JEAN-LUC 2,887,371
MANCHESTER COPPER PRODUCTS, LLC 2,887,230
MANCHESTER COPPER PRODUCTS, LLC 2,887,231
MANELIUS, TOM 2,887,550
MANISSERO, CLAUDIO 2,887,430
MANNING, JOHN PATRICK 2,887,397
MANSBRIDGE, STUART 2,887,124
MANTTARI, MAUNU 2,887,473
MARALTO ENVIRONMENTAL TECHNOLOGIES LTD. 2,887,282
MARCILLAUD, CELINE JEANNE 2,887,335
MARCZINKE, BERND L. 2,887,332
MARCZINKE, BERND L. 2,887,336
MARICA, ADRIAN 2,887,329
MARIN, MANUEL MOLINER 2,887,542
MARKER, TERRY L. 2,887,334
MARSHALL, DAVE 2,887,279
MARSTON, CHARLES R. 2,887,426
MARTIN, HARRY 2,887,139
MASCHMEYER, DIETRICH 2,887,023
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,887,201
MASSET, FRANCK 2,887,386
MASTERMAN, THOMAS CRAIG 2,887,112
MATEU, JUAN R. 2,887,551
MATHENY, ROBERT G. 2,887,347
MATHENY, ROBERT G. 2,887,350
MATSCITECHNO LICENSING COMPANY 2,887,548
MATSUI, YASUMASA 2,887,161
MAXON INDUSTRIES, INC. DBA MAXON LIFT CORP. 2,887,545
MAYES, BENJAMIN ALEXANDER 2,887,578
MAYNARD, JEFF 2,887,444
MAYO, MICHAEL A. 2,887,600
MAZIARZ, MICHAEL W. 2,887,472
MBDA UK LIMITED 2,887,372
MCALISTER TECHNOLOGIES, LLC 2,887,599
MCALISTER, ROY EDWARD 2,887,599
MCCARTHY, KEVIN L. 2,887,211
MCCAULEY, JEFFREY A. 2,887,130
MCDONAGH, MAURICE 2,887,383
MCGILL, JAMES BRIAN KING 2,887,311
MCGRADY, CHRISTOPHER D. 2,887,527
MCGUIRE, BOB 2,887,248
MCHALE, WILLIAM A. 2,887,489
MCHALE, WILLIAM A. 2,887,505
MCKENZIE, CHRISTOPHER P. 2,887,296
MCKINLEY, KATHRYN S. 2,887,502
MCLACHLAN, GRANT ANDREW 2,887,488
MCMASTER UNIVERSITY 2,887,439
MCVEY, ELAINE 2,887,504
MEDIATEK INC. 2,887,106
MEDIATEK INC. 2,887,452
MEDOFF, MARSHALL 2,887,112
MEI, LUCIANO 2,887,251
MEIER, GERHARDUS 2,887,332
MEIER, GERHARDUS 2,887,336
MEIJER, CHRISTOPHORUS JOANNES LAMBERTUS MARIA 2,887,544
MELILLO, LUCA 2,887,342
MENG, XIN 2,887,143
MERCIER, KELLY A. 2,887,475
MERCK PATENT GMBH 2,887,539
MERCK SHARP & DOHME CORP. 2,887,312
MERCK SHARP & DOHME CORP. 2,887,348
MERG, PATRICK S. 2,887,418
MERKEL, FELIX 2,887,198
MERZ PHARMA GMBH & CO. KGAA 2,886,939
MESSAGER, LEA 2,887,324
MESTER, DANA R. 2,887,557
METAYER, STEPHANE 2,887,358
METHEOR THERAPEUTICS CORPORATION 2,887,461
MEYER PRODUCTS, LLC 2,887,014
MICROSOFT CORPORATION 2,887,499
MICROSOFT CORPORATION 2,887,502
MIETTE, EMMANUEL 2,887,100
MIHARIA, ANUPAM 2,887,211
MILES, PHILIP JOHN 2,887,507
MILLER, BRANDON S. 2,887,304
MILLER, THEODORE 2,887,102
MIMEDX GROUP, INC. 2,887,568
MINEUR-PANIGEON, MARIE 2,887,335
MINISANDRAM, RAMESH S. 2,887,217
MISCHKE, STEVEN GREGORY 2,887,497
MITSUBISHI ELECTRIC CORPORATION 2,887,167
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,887,011
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,887,115
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,887,424
MITSUBISHI HITACHI POWER SYSTEMS, LTD. 2,887,440
MITSUHASHI, KAZUYA 2,887,162
MIXGENIUS INC. 2,887,124
MOBILE SEARCH SECURITY LLC 2,887,396
MOEHRLE, VOLKER 2,887,581
MOLCHO, HAIM 2,887,419
MOLL, DAVID J. 2,887,426
MONROS, SERGE V. 2,887,446
MONSANTO TECHNOLOGY LLC 2,887,349
MONTEMBAULT, VERONIQUE 2,887,326
MONZYK, BRUCE F. 2,887,434
MORETON, DAVID J. 2,887,256
MORGAN, LOWELL 2,887,309
MORGAN, TED A. 2,887,053
MORIE-BEBEL, MICHELLE 2,887,466
MORII, TOSHIO 2,887,585
MORLEY, ANDREW 2,887,134
MOROSEY, JAY ROBERT, JR. 2,887,607
MORPARIA, HARSHAL 2,887,211
MORRIS, STEVEN 2,887,384
MOSQUERA, MICHAEL R. 2,887,551
MOSS, CRAIG M. 2,887,088
MOSS, MICHAEL 2,887,359
MOUND, ANDREW JONATHAN 2,887,407
MOUSSA, ADEL M. 2,887,578
MUCCIONE, STEPHEN 2,887,487
MUENZER, CHRISTOPHER H. 2,887,296
MULHEARN, PATRICK F.X. 2,887,396
MULLER, JORG 2,887,376
MULLER, JORG 2,887,399
MULLER, WALTER 2,887,085
MURALT, ARNOLD 2,887,491
MURATOGLU, ORHUN K. 2,887,274
MURDOCH, EUAN 2,887,402
MURPHY, TIMOTHY A. 2,887,466
MURRAY, CHRISTOPHER J. 2,887,355
MUYU, FREDRIC 2,887,386
NADALET, PAOLO 2,887,270
NAGAI, RYUICHI 2,887,161
NAIR, ANUJA 2,887,360
NAIR, ANUJA 2,887,361
NAIR, SREEJIT A. 2,887,040
NAIR, SREEJIT A. 2,887,042
NAKAIE, HIROKATSU 2,887,161
NAKAMURA, KO 2,887,117
NAKAYAMA, KOJI 2,887,115
NAKAZAWA, YOSHITAKA 2,887,117
NATALE, ALESSANDRA 2,887,320
NATALE, ALESSANDRA 2,887,323
NATIONAL OILWELL VARCO, L.P. 2,887,329
NATORI, JUNICHIRO 2,887,398
NAU, ASLI 2,887,023
NAZIRI, KEVIN 2,887,184
NEAGU, CONSTANTIN 2,887,539
NEENAH GESSNER GMBH 2,887,331
NEENAH GESSNER GMBH 2,887,357
NEKTAR THERAPEUTICS 2,887,134
NESER, MORNE 2,887,553
NESTEC S.A. 2,887,222
NESTEC S.A. 2,887,322
NETTEKOVEN, MATTHIAS 2,887,136
NEWMAN, CHRISTIAN 2,887,415
NEWTON, RAYMOND RICHARD 2,887,184
NEWTRAX HOLDINGS INC. 2,887,511

NG, CALVIN 2,887,510
NGUYEN, TRUONG-KHOA 2,887,553
NICHIBAN CO., LTD. 2,887,589
NICKOLEYEV, OLEG 2,887,008
NIPPON AEROSIL CO., LTD. 2,887,585
NIPPON ZOKI PHARMACEUTICAL CO., LTD. 2,887,117
NISHIKAWA, HIROYUKI 2,887,585
NISOGI, SHUHEI 2,887,433
NOBEL BIOCARE SERVICES AG 2,886,952
NOVA WILDCAT SHUR-LINE, LLC 2,887,125
NUOVO PIGNONE SRL 2,887,251
NUTZEL, GERT 2,887,442
O'CONNELL, THOMAS M. 2,887,475
O'MAHONY, BRENDAN J. 2,887,418
OBRECHT, DANIEL 2,887,388
OE, HIROSHI 2,887,585
OGAWA, TAKAHIRO 2,887,589
OH, RICHARD 2,887,051
OH, ROBERT 2,887,051
OIL STATES ENERGY SERVICES, L.L.C. 2,887,248
OLANDER, HENRIK 2,887,410
ONNERUD, TORD PER JENS 2,887,227
OPENHYDRO IP LIMITED 2,887,521
OPENHYDRO IP LIMITED 2,887,546
OPENHYDRO IP LIMITED 2,887,547
OPET, MARY 2,887,586
OPTASENSE HOLDINGS LIMITED 2,887,160
ORAL, EBRU 2,887,274
ORICA INTERNATIONAL PTE LTD 2,887,224
ORTHOSOFT INC. 2,887,130
OSMOS SA 2,886,942
OTVOS, JAMES D. 2,887,475
OURPET'S COMPANY 2,887,579
OUTCALT, ANDREW 2,887,014
OWEN, THOMAS DALE 2,887,147
OYAMA, HIDETAKA 2,887,404
OZAKI, YUKIO 2,887,269
P3 INFRASTRUCTURE CONSULTING INC. 2,887,512
PADMARAJU, KISHORE 2,887,439
PALIHAPITIYA, CHAMATH 2,887,128
PANDEY, RAVINDRA K. 2,887,563
PANGBORN, ROBERT J. 2,887,352
PANGBORN, ROBERT J. 2,887,367
PAPIN, JASON A. 2,887,135
PARASCANDOLO, MARK RICHARD 2,887,211
PARK, HAE YOUNG 2,887,122
PARK, HAN-OH 2,887,069
PARMAR, ANIL 2,887,561
PARMAR, NILESH DHIRAJLAL 2,887,422
PARSY, CHRISTOPHE CLAUDE 2,887,578
PASCUAL, SAGRARIO 2,887,326
PATAMASANK, JAREN 2,887,437
PATEL, BHARGAV 2,887,306
PATEL, CHAMPABEN 2,887,140
PATEL, MEHUL 2,887,312
PATHAK, VIPIN 2,887,487
PAULUS, JOUNI 2,887,228
PAYAN, DONALD 2,887,203
PEASE, BRIAN M. 2,887,466
PEFFER, ROBIN M. 2,887,600
PEIRSMAN, DANIEL 2,887,245
PEITZ, STEPHAN 2,887,023
PELFREY, KEITH A. 2,887,339
PEREZ RODRIGUEZ, SAUMEL 2,887,455
PERRI, CARMINE 2,887,389
PERRIN, DAVID 2,887,330
PESSIN, JEAN-LOUIS 2,887,358
PETERSON, RICK 2,887,434
PETRENKO, VICTOR 2,887,008
PETROWELL LIMITED 2,887,402
PETSKO, GREG 2,887,569
PETTIS, RONALD J. 2,887,504
PEYRON, VINCENT 2,887,470
PEZZI, PAUL ALFRED 2,887,351
PHILIPPE, ERIC 2,887,464
PHOTONIS FRANCE 2,887,442
PIERRA, CLAIRE 2,887,578
PIERRUGUES, LAURENT 2,887,491
PINARD, DEBORAH 2,887,070
PIONEER HI-BRED INTERNATIONAL, INC. 2,887,143
PIONEER HI-BRED INTERNATIONAL, INC. 2,887,571
PIONEER HI-BRED INTERNATIONAL, INC. 2,887,575
PIZZI, ANTONIO 2,886,961
PLANCHE, JEAN-PASCAL 2,887,363
PLANTE, PHILLIP J. 2,887,211
PLOTKIN, MICHAEL A. 2,887,348
POHL, THOMAS 2,887,164
POIRIER, CHRISTIAN 2,887,553
POLLOCK, WAYNE C. 2,886,951
POLSON, GEORGE 2,887,240
POLYPHOR AG 2,887,388
POLYTEX FIBERS CORPORATION 2,887,554
POP, JULIAN 2,887,358
PORZIO, MATTHEW A. 2,887,211
POTNICK, JUSTIN 2,887,539
POWELL, JOSEPH BROUN 2,887,138
POWELL, JOSEPH BROUN 2,887,170
PRABHU, SUSHIL 2,887,487
PRAYON 2,887,448
PRC-DESOTO INTERNATIONAL, INC. 2,887,600
PREMIER DENTAL PRODUCTS COMPANY 2,887,489
PREMIER DENTAL PRODUCTS COMPANY 2,887,505
PREMIER MAGNESIA, LLC 2,887,430
PRESKENIS, JAMES 2,887,430
PRESTO ABSORBENT PRODUCTS, INC. 2,887,137
PRESZ, WALTER, JR. 2,887,318
PRIOLI, REGINA M. 2,887,240
PRITCHARD, BYRON ANDREW, JR. 2,887,351
PROCOPS, ROY LEONARD 2,887,141
PRODUITS PLASTIQUES PERFORMANTS HOLDING - 3P HOLDING 2,887,337
PULASKI, KIRT WILLIAM 2,887,387
PUMPHREY, SAMUEL JULIUS 2,887,134
PUPO MERINO, AMAURY 2,887,455
PURANEN, TERHI 2,887,460
PUTTONEN, SAMI 2,887,097
PYLKKANEN, VESA 2,887,149
QIN, KUIDE 2,887,364
QUANDT, THOMAS 2,887,023
QUINLAN, RONAN 2,887,127
RADEMAN, JERRY E. 2,887,430
RADLEY, STEVEN F. 2,887,359
RAHALI, HOUCINE 2,887,578
RAJAN, DHEERAJ K. 2,887,557
RAMACHANDRAN, KARTHIK 2,887,532
RAMESH, SATYALAKSHMI K. 2,887,561
RAMSEY, WILLIAM 2,887,499
RANDALL, LARRY 2,887,045
RANGARAJAN, RADHA 2,887,375
RANUCCI, KEVIN J. 2,854,740
RASHIDI, NEGAR 2,887,374
RASMUSSEN, LARS KYHN 2,887,096
RATAJ, MIECZYSLAW 2,887,473
RAUDE, CHRISTIAN 2,887,338
RAVAINE, VALERIE 2,887,324
RAWAL, SONIA 2,887,532
REDMAN, PAUL 2,887,450
REIFENBERG, JOHN 2,887,213
REISS, JOSHUA D. 2,887,124
RENNICKS, KENNETH WAYNE 2,887,295
RETSINA, THEODORA 2,887,149
RHEE, WONJONG 2,887,576
RHEE, WONJONG 2,887,584
RICE, WILLIAM C. 2,887,561
RICHERS, TILMAN 2,887,194
RICOH COMPANY LTD. 2,887,113
RICOH COMPANY, LTD. 2,887,398
RIDER, MIKE 2,887,453
RIGEL PHARMACEUTICALS, INC. 2,887,203
RING CONTAINER TECHNOLOGIES, LLC 2,887,267
RING, CARL 2,887,267
RINGE, DAGMAR 2,887,569
RINI, CHRISTOPHER 2,887,504
RIOJA, ROBERTO J. 2,887,438
RIOS, JESUS M. 2,887,557
ROAL OY 2,887,460
ROBERTS, ADAM 2,886,952
ROBERTS, MARK F. 2,887,601
ROBERTS, MARK F. 2,887,602
ROBERTS, MICHAEL J. 2,887,334
ROBERTSON, RAYMOND M. 2,887,527
ROCHE GLYCART AG 2,887,486
ROCKWOOL INTERNATIONAL A/S 2,887,246
ROCKWOOL INTERNATIONAL A/S 2,887,249
ROCKWOOL INTERNATIONAL A/S 2,887,250

RODEL, EVA 2,887,540
ROELEN, WALTHERUS ANTONIUS HENDRIKUS 2,887,477
ROESCH, BRIAN MICHAEL 2,887,574
ROESLER, KEITH R. 2,887,571
ROGER, SCHULTZ 2,887,297
ROGER, STEPHANE 2,887,369
ROGERS, CHAD ALAN 2,887,457
ROH, HYUNG KEUN 2,887,437
ROHAN, MICHAEL 2,887,370
ROHM AND HAAS COMPANY 2,887,157
ROHM AND HAAS COMPANY 2,887,426
ROLFO, ALESSANDRO 2,886,946
ROMEO, MARLIN 2,887,282
ROPER, BERNHARD 2,887,109
ROSENGREN, ANDERS 2,887,413
ROSOCHA, LOUIS 2,887,309
ROSSENGERG, JOEL LYNN 2,887,311
ROUSSELET, NOEMIE 2,887,333
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